L Number	Hits	Search Text	DB	Time stamp
1	0	("aminoindan$").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
2	998	aminoindan$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
3	1377	metabotropic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
5	481	562/433.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
6	921	514/567.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
4	10	aminoindan$ and metabotropic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
7	4	("3494915").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29
8	3	("3532744").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
1	IS&R	L1	0	("aminoindan$").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		
2	BRS	L2	998	aminoindan$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		
3	BRS	L3	1377	metabotropic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		
4	BRS	L5	481	562/433.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		
5	BRS	L6	921	514/567.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		
6	BRS	L4	10	aminoindan$ and metabotropic	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		
7	IS&R	L7	4	("3494915").PN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2004/06/10 06:29		

	Errors
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2	0
3	0
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5	0
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7	0

	Type	L #	Hits	Search Text	DBs	Time Stamp	Comments	Error Definition
8	IS&R	L8	3	("3532744").PN.	USPAT; US-PG PUB; EPO; JPO; DERWENT	2004/06/10 06:29		

	Errors
8	0

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated
NEWS 19	May 19	Simultaneous left and right truncation added to WSCA
NEWS 20	May 19	RAPRA enhanced with new search field, simultaneous left and right truncation
NEWS 21	Jun 06	Simultaneous left and right truncation added to CBNB
NEWS 22	Jun 06	PASCAL enhanced with additional data
NEWS 23	Jun 20	2003 edition of the FSTA Thesaurus is now available
NEWS 24	Jun 25	HSDB has been reloaded
NEWS 25	Jul 16	Data from 1960-1976 added to RDISCLOSURE

NEWS EXPRESS	April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP), AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

```
  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 06:55:48 ON 21 JUL 2003

=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.21       0.21

FILE 'REGISTRY' ENTERED AT 06:56:05 ON 21 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:   18 JUL 2003  HIGHEST RN 550997-52-9
DICTIONARY FILE UPDATES:  18 JUL 2003  HIGHEST RN 550997-52-9

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available.  See HELP
PROPERTIES for more information.  See STNote 27, Searching Properties
in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

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            23 HOLD
L1           0 LOGFF HOLD
                 (LOGFF(W)HOLD)

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Uploading 10019890 clm 13.str
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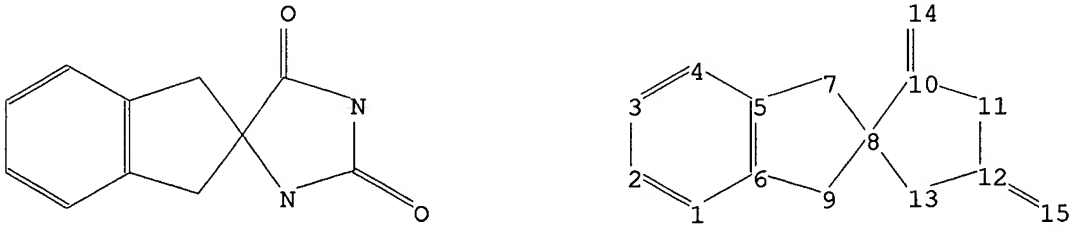


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L2      STRUCTURE UPLOADED

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L2 HAS NO ANSWERS
L2              STR
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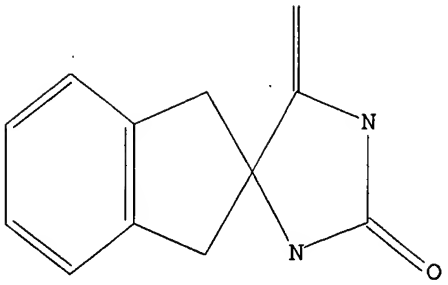

Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 06:58:56 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 266 TO ITERATE

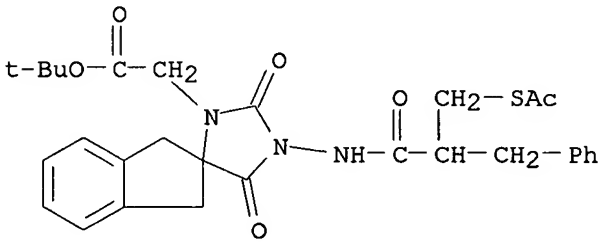
100.0% PROCESSED 266 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 4342 TO 6298
PROJECTED ANSWERS: 4 TO 200

L3 4 SEA SSS SAM L2

=> d scan

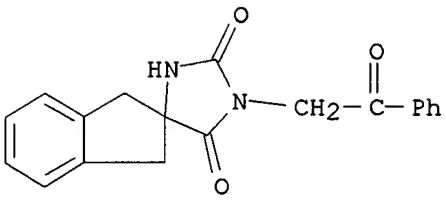
L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-3-acetic acid, 1-[[2-[(acetylthio)methyl]-1-oxo-3-phenylpropyl]amino]-1',3'-dihydro-2,5-dioxo-, 1,1-dimethylethyl ester (9CI)
MF C29 H33 N3 O6 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

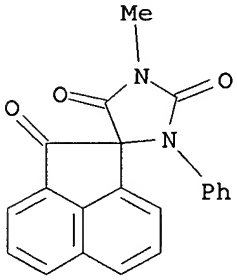
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-(2-oxo-2-phenylethyl)- (9CI)
MF C19 H16 N2 O3



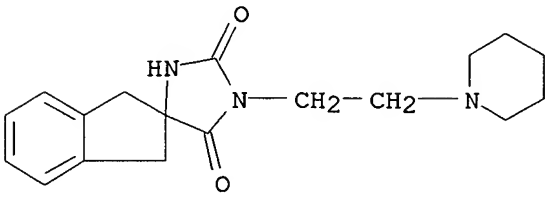
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[acenaphthylene-1(2H),4'-imidazolidine]-2,2',5'-trione, 1'-methyl-3'-phenyl- (9CI)
MF C21 H14 N2 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L3 4 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-[2-(1-piperidinyl)ethyl]- (9CI)
MF C18 H23 N3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

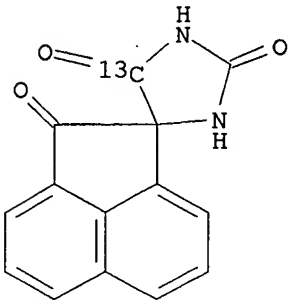
=> search l2 sss full
FULL SEARCH INITIATED 07:00:35 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 5726 TO ITERATE

100.0% PROCESSED 5726 ITERATIONS 48 ANSWERS
SEARCH TIME: 00.00.01

L4 48 SEA SSS FUL L2

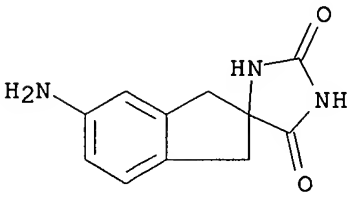
=> d scan

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[acenaphthylene-1(2H),4'-imidazolidine]-2,2',5'-trione-5'-13C (9CI)
MF C14 H8 N2 O3



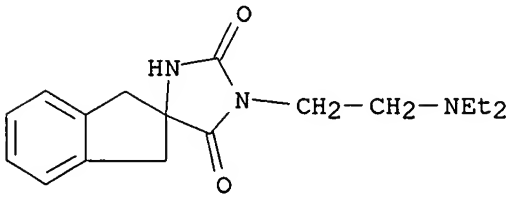
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-amino- (8CI)
MF C11 H11 N3 O2



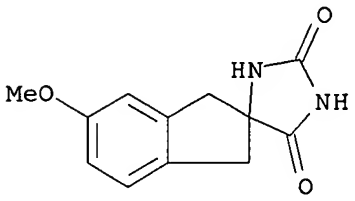
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1-[2-(diethylamino)ethyl]-1',3'-dihydro- (9CI)
MF C17 H23 N3 O2



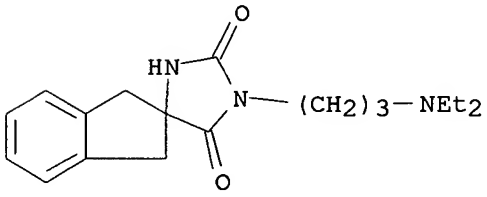
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS · REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-methoxy- (8CI)
MF C12 H12 N2 O3



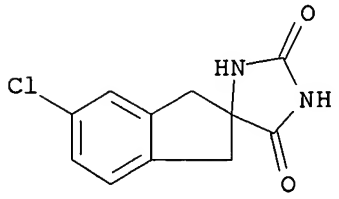
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1-[3-(diethylamino)propyl]-1',3'-dihydro- (9CI)
MF C18 H25 N3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

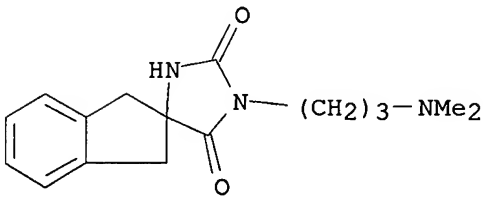
L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 5'-chloro-1',3'-dihydro- (9CI)
MF C11 H9 Cl N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

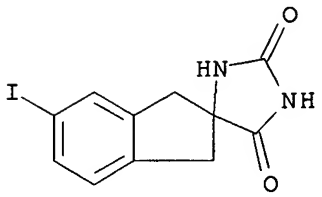
L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN

IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1-[3-(dimethylamino)propyl]-1',3'-dihydro- (9CI)
MF C16 H21 N3 O2



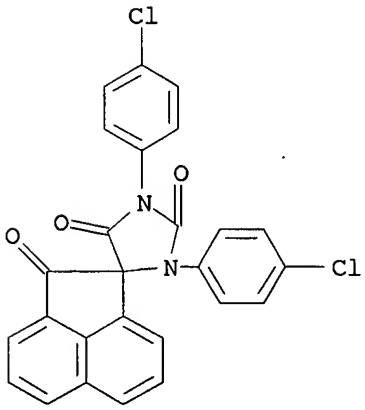
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-iodo- (8CI)
MF C11 H9 I N2 O2



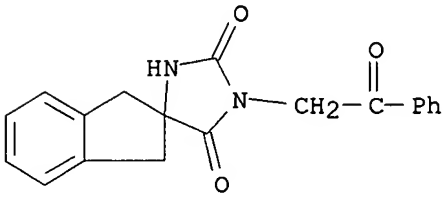
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[acenaphthylene-1(2H),4'-imidazolidine]-2,2',5'-trione, 1',3'-bis(4-chlorophenyl)- (9CI)
MF C26 H14 Cl2 N2 O3



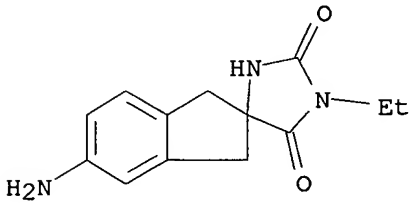
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-(2-oxo-2-phenylethyl)- (9CI)
MF C19 H16 N2 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

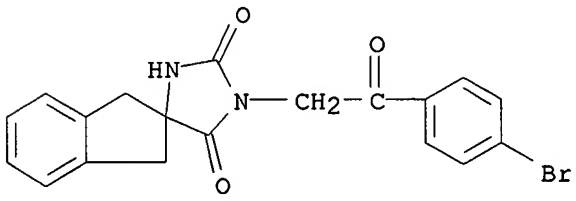
L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-amino-1-ethyl- (7CI)
MF C13 H15 N3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

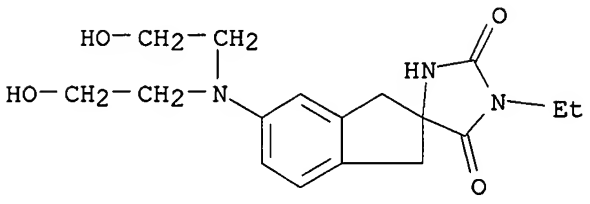
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):20

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1-[2-(4-bromophenyl)-2-oxoethyl]-1',3'-dihydro- (9CI)
MF C19 H15 Br N2 O3



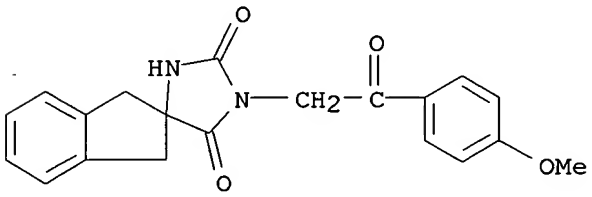
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-[bis(2-hydroxyethyl)amino]-1-ethyl- (7CI)
MF C17 H23 N3 O4



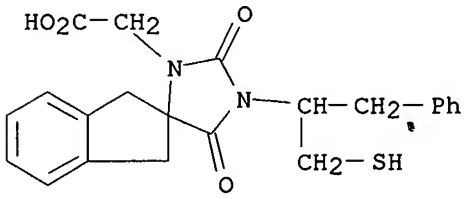
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-[2-(4-methoxyphenyl)-2-oxoethyl]- (9CI)
MF C20 H18 N2 O4



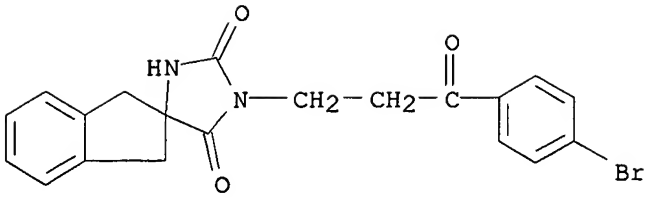
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-3-acetic acid, 1',3'-dihydro-1-[1-(mercaptomethyl)-2-phenylethyl]-2,5-dioxo- (9CI)
MF C22 H22 N2 O4 S



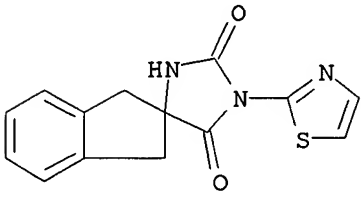
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1-[3-(4-bromophenyl)-3-oxopropyl]-1',3'-dihydro- (9CI)
MF C20 H17 Br N2 O3



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-(2-thiazolyl)- (9CI)
MF C14 H11 N3 O2 S



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-[3-(4-methoxyphenyl)-3-oxopropyl]- (9CI)
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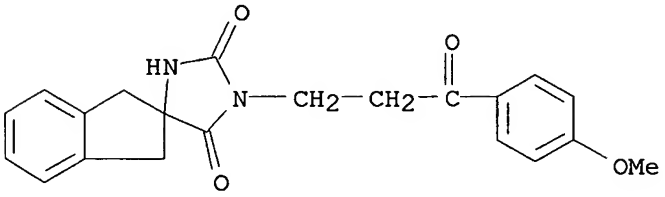
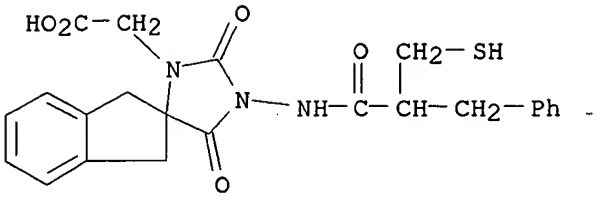


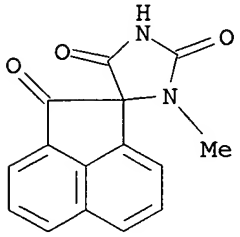
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-3-acetic acid, 1',3'-dihydro-1-[[2-(mercaptomethyl)-1-oxo-3-phenylpropyl]amino]-2,5-dioxo- (9CI)
MF C23 H23 N3 O5 S



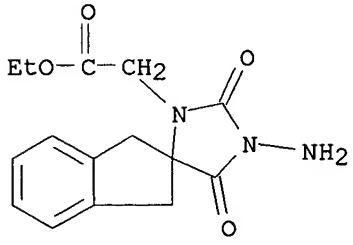
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[acenaphthylene-1(2H),4'-imidazolidine]-2,2',5'-trione, 3'-methyl- (9CI)
MF C15 H10 N2 O3



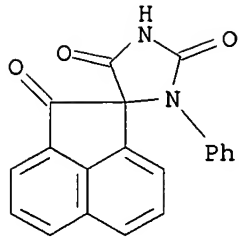
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-3-acetic acid, 1-amino-1',3'-dihydro- 2,5-dioxo-, ethyl ester (9CI)
MF C15 H17 N3 O4



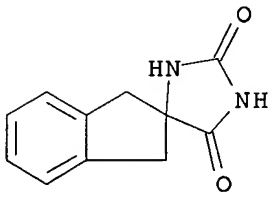
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[acenaphthylene-1(2H),4'-imidazolidine]-2,2',5'-trione, 3'-phenyl- (9CI)
MF C20 H12 N2 O3



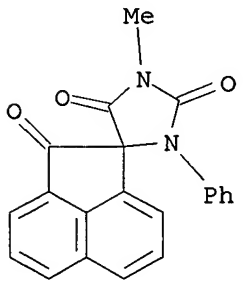
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro- (9CI)
MF C11 H10 N2 O2



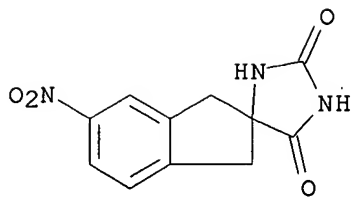
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[acenaphthylene-1(2H),4'-imidazolidine]-2,2',5'-trione,
1'-methyl-3'-phenyl- (9CI)
MF C21 H14 N2 O3



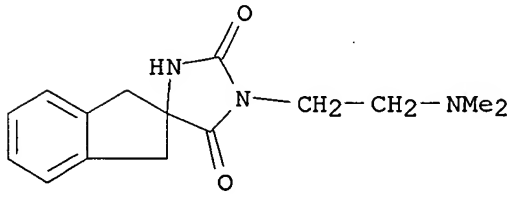
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-nitro- (8CI)
MF C11 H9 N3 O4



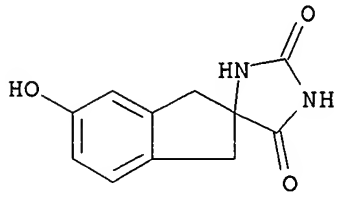
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1-[2-(dimethylamino)ethyl]-1',3'-dihydro- (9CI)
MF C15 H19 N3 O2



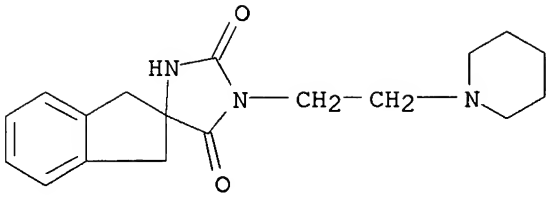
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-5'-hydroxy- (9CI)
MF C11 H10 N2 O3



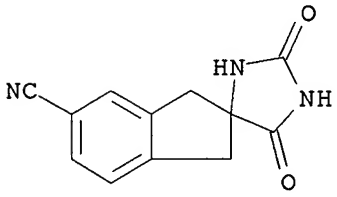
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-[2-(1-piperidinyl)ethyl]- (9CI)
MF C18 H23 N3 O2



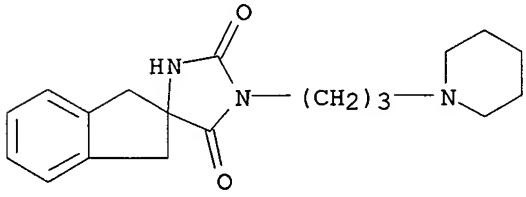
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-5'-carbonitrile, 2,5-dioxo- (8CI)
MF C12 H9 N3 O2



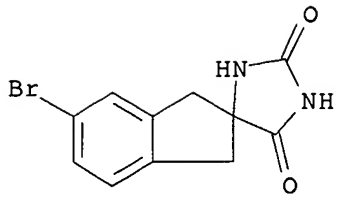
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-[2H]indene]-2,5-dione, 1',3'-dihydro-1-[3-(1-piperidinyl)propyl]- (9CI)
MF C19 H25 N3 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L4 48 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN Spiro[imidazolidine-4,2'-indan]-2,5-dione, 5'-bromo- (8CI)
MF C11 H9 Br N2 O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	160.19	160.40

FILE 'CAPLUS' ENTERED AT 07:02:16 ON 21 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 21 Jul 2003 VOL 139 ISS 4
FILE LAST UPDATED: 20 Jul 2003 (20030720/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l4
L5 25 L4

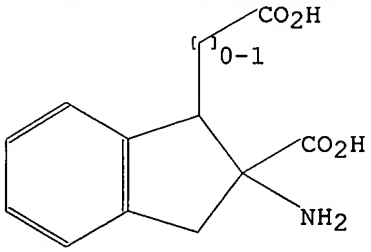
=> save temp l5 hetcycindanes/a
HETCYCINDANES/A IS NOT A VALID SAVED NAME
Enter the name you wish to use for the saved query, answer set, or L-number list. The name must:
1. Begin with a letter,
2. Have 1-12 characters,
3. Contain only letters (A-Z) and numbers (0-9),
4. End with /Q for a query (search profile, structure, or screen set), /A for an answer set, or /L for an L-number list.
5. Not already be in use as a saved name,
6. Not be END, SAV, SAVE, SAVED
7. Not have the form of an L-number (Lnnn).

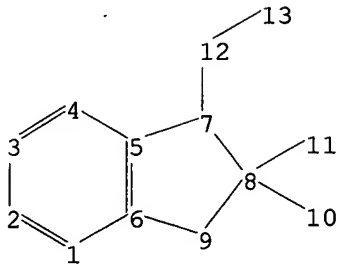
ENTER NAME OR (END):end

=> save temp l5 hetcindanes/a

ANSWER SET L5 HAS BEEN SAVED AS 'HETCINDANES/A'

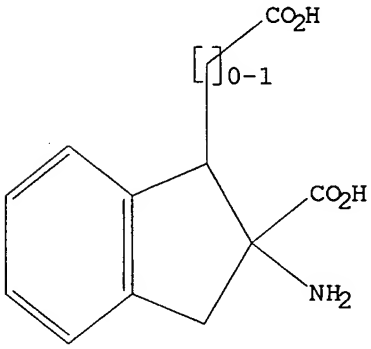
=>
Uploading 10019890 clm 7.str





L6 STRUCTURE UPLOADED

=> d l6
L6 HAS NO ANSWERS
L6 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l6 sss sam
REGISTRY INITIATED
Substance data SEARCH and crossover from CAS REGISTRY in progress...
Use DISPLAY HITSTR (or FHITSTR) to directly view retrieved structures.

SAMPLE SEARCH INITIATED 07:11:05 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L7 0 SEA SSS SAM L6

L8 0 L7

=> file reg
COST IN U.S. DOLLARS

	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.42	167.48

FILE 'REGISTRY' ENTERED AT 07:11:15 ON 21 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JUL 2003 HIGHEST RN 550997-52-9
DICTIONARY FILE UPDATES: 18 JUL 2003 HIGHEST RN 550997-52-9

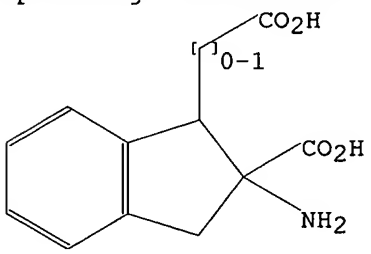
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

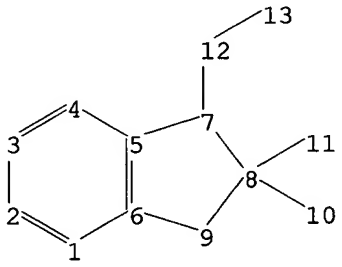
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

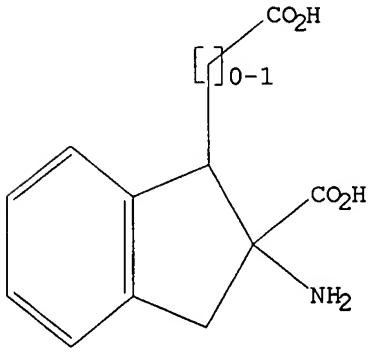
=>
Uploading 10019890 clm 7.str





L9 STRUCTURE UPLOADED

=> d l9
L9 HAS NO ANSWERS
L9 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l9 sss sam
SAMPLE SEARCH INITIATED 07:11:42 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 0 TO ITERATE

100.0% PROCESSED 0 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 0 TO 0
PROJECTED ANSWERS: 0 TO 0

L10 0 SEA SSS SAM L9

=> search l9 sss full
FULL SEARCH INITIATED 07:11:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 26 TO ITERATE

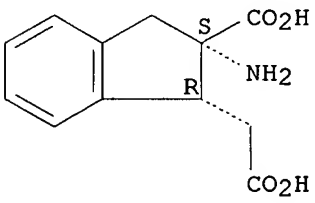
100.0% PROCESSED 26 ITERATIONS 3 ANSWERS
SEARCH TIME: 00.00.01

L11 3 SEA SSS FUL L9

=> d scan

L11 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-Indene-1-acetic acid, 2-amino-2-carboxy-2,3-dihydro-, (1R,2S)-rel-
(9CI)
MF C12 H13 N O4

Relative stereochemistry.

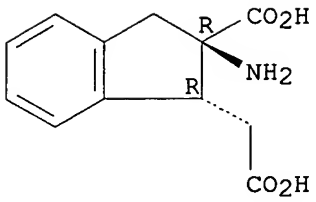


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):3

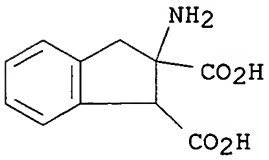
L11 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-Indene-1-acetic acid, 2-amino-2-carboxy-2,3-dihydro-, (1R,2R)-rel-
(9CI)
MF C12 H13 N O4

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L11 3 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-Indene-1,2-dicarboxylic acid, 2-amino-2,3-dihydro- (9CI)
MF C11 H11 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	148.55	316.03

FILE 'CAPLUS' ENTERED AT 07:12:09 ON 21 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 21 Jul 2003 VOL 139 ISS 4
FILE LAST UPDATED: 20 Jul 2003 (20030720/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

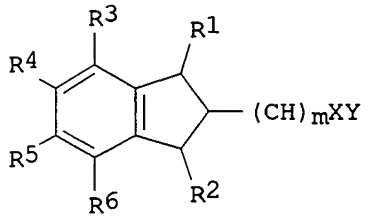
=> l11
L12 1 L11

=> d l12 ti fbib abs

L12 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
TI Preparation of 2-aminoindane analogs
AN 2001:31449 CAPLUS
DN 134:86547
TI Preparation of 2-aminoindane analogs
IN Curry, Kenneth
PA IGT Pharma Inc., Can.
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001002342	A1	20010111	WO 2000-CA770	20000630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			CA 1999-2276798A	19990630
EP 1194400	A1	20020410	EP 2000-941844	20000630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			CA 1999-2276798A	19990630
			WO 2000-CA770 W	20000630

OS MARPAT 134:86547
GI



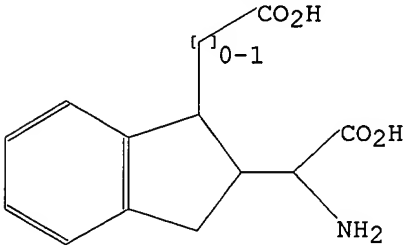
I

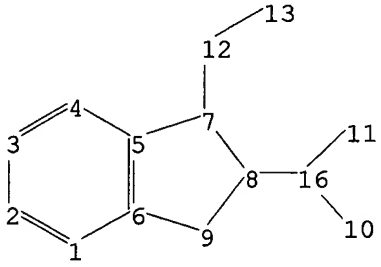
AB 2-Aminoindane analogs I [R1, R2 = H or an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, isoxazolyl, -(CH2)n-carboxy, -phosphono, -phosphino, -sulfono, -sulfino, -borono, -tetrazolyl, or -isoxazolyl, where n = 1-6; X is an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, or isoxazolyl; Y is a basic group selected from aliphatic or aromatic primary, secondary, or tertiary amino, quaternary ammonium salts, imidazolyl, guanidino, boronoamino, allyl, urea, or thiourea; m = 0 or 1; R3-6 = H, nitro, amino, halo, tritium, trifluoromethyl, trifluoroacetyl, sulfo, carboxy, carbamoyl, or sulfamoyl] or their stereoisomers or pharmaceutically acceptable salts were prepared as modulators of metabotropic glutamate receptors (mGluRs) for use in treating diseases of

the central nervous system. Thus, 2-amino-2-carboxy-1-indaneacetic acid (cis and trans isomers) were prepared by a multistep procedure starting from 1,2-phenylenediacetonitrile. The cAMP assay showed that the cis isomer is a Group II/III mGluRs antagonist (EC50 = 1.2x10-9 M) and the trans isomer is a Group II/III mGluRs agonist (EC50 = 1.1x10-7 M).

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=>
Uploading 10019890 clm 7 2nd.str





L13 STRUCTURE UPLOADED

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.50	320.53

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-0.65

FILE 'REGISTRY' ENTERED AT 07:15:03 ON 21 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 18 JUL 2003 HIGHEST RN 550997-52-9
DICTIONARY FILE UPDATES: 18 JUL 2003 HIGHEST RN 550997-52-9

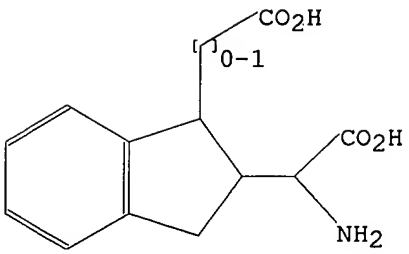
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2003

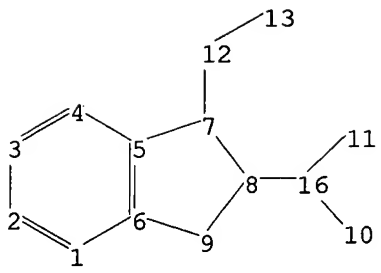
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. See HELP PROPERTIES for more information. See STNote 27, Searching Properties in the CAS Registry File, for complete details:
http://www.cas.org/ONLINE/STN/STNOTES/stnotes27.pdf

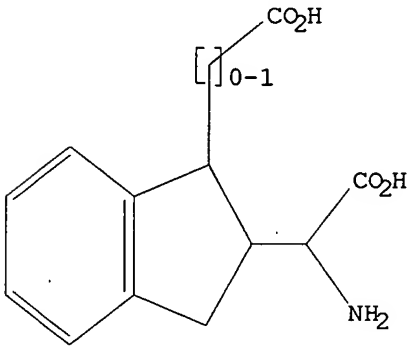
=>
Uploading 10019890 clm 7 2nd.str





L14 STRUCTURE UPLOADED

=> d l14
L14 HAS NO ANSWERS
L14 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l14 sss sam
SAMPLE SEARCH INITIATED 07:15:55 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 16 TO ITERATE

100.0% PROCESSED 16 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 80 TO 560
PROJECTED ANSWERS: 0 TO 0

L15 0 SEA SSS SAM L14

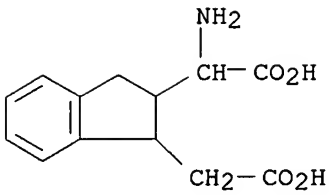
=> search l14 sss full
FULL SEARCH INITIATED 07:17:38 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 379 TO ITERATE

100.0% PROCESSED 379 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L16 2 SEA SSS FUL L14

=> d scan

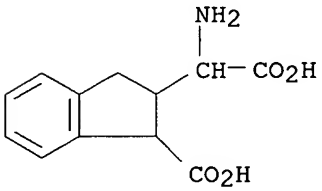
L16 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-Indene-1,2-diacetic acid, α2-amino-2,3-dihydro- (9CI)
MF C13 H15 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L16 2 ANSWERS REGISTRY COPYRIGHT 2003 ACS on STN
IN 1H-Indene-2-acetic acid, α-amino-1-carboxy-2,3-dihydro- (9CI)
MF C12 H13 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	149.75	470.28

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.65

FILE 'CAPLUS' ENTERED AT 07:18:20 ON 21 JUL 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 21 Jul 2003 VOL 139 ISS 4
FILE LAST UPDATED: 20 Jul 2003 (20030720/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

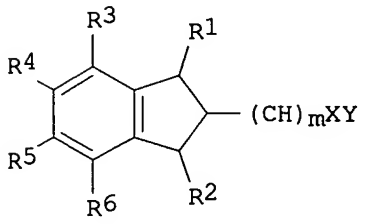
=> l16
L17 1 L16

=> d l17 ti fbib abs

L17 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2003 ACS on STN
TI Preparation of 2-aminoindane analogs
AN 2001:31449 CAPLUS
DN 134:86547
TI Preparation of 2-aminoindane analogs
IN Curry, Kenneth
PA IGT Pharma Inc., Can.
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001002342	A1	20010111	WO 2000-CA770	20000630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			CA 1999-2276798A	19990630
EP 1194400	A1	20020410	EP 2000-941844	20000630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
			CA 1999-2276798A	19990630
			WO 2000-CA770 W	20000630

OS MARPAT 134:86547
GI



I

AB 2-Aminoindane analogs I [R1, R2 = H or an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, isoxazolyl, -(CH2)n-carboxy, -phosphono, -phosphino, -sulfono, -sulfino, -borono, -tetrazolyl, or -isoxazolyl, where n = 1-6; X is an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, or isoxazolyl; Y is a basic group selected from aliphatic or

aromatic primary, secondary, or tertiary amino, quaternary ammonium salts, imidazolyl, guanidino, boronoamino, allyl, urea, or thiourea; m = 0 or 1; R3-6 = H, nitro, amino, halo, tritium, trifluoromethyl, trifluoroacetyl, sulfo, carboxy, carbamoyl, or sulfamoyl] or their stereoisomers or pharmaceutically acceptable salts were prepared as modulators of metabotropic glutamate receptors (mGluRs) for use in treating diseases of the central nervous system. Thus, 2-amino-2-carboxy-1-indaneacetic acid (cis and trans isomers) were prepared by a multistep procedure starting from 1,2-phenylenediacetonitrile. The cAMP assay showed that the cis isomer is a Group II/III mGluRs antagonist (EC50 = 1.2x10-9 M) and the trans isomer is a Group II/III mGluRs agonist (EC50 = 1.1x10-7 M).

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	6.59	476.87

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.65	-1.30

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 07:24:04 ON 21 JUL 2003

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS 1		Web Page URLs for STN Seminar Schedule - N. America
NEWS 2		"Ask CAS" for self-help around the clock
NEWS 3	Feb 24	PCTGEN now available on STN
NEWS 4	Feb 24	TEMA now available on STN
NEWS 5	Feb 26	NTIS now allows simultaneous left and right truncation
NEWS 6	Feb 26	PCTFULL now contains images
NEWS 7	Mar 04	SDI PACKAGE for monthly delivery of multifile SDI results
NEWS 8	Mar 24	PATDPAFULL now available on STN
NEWS 9	Mar 24	Additional information for trade-named substances without structures available in REGISTRY
NEWS 10	Apr 11	Display formats in DGENE enhanced
NEWS 11	Apr 14	MEDLINE Reload
NEWS 12	Apr 17	Polymer searching in REGISTRY enhanced
NEWS 13	Jun 13	Indexing from 1947 to 1956 added to records in CA/CAPLUS
NEWS 14	Apr 21	New current-awareness alert (SDI) frequency in WPIDS/WPINDEX/WPIX
NEWS 15	Apr 28	RDISCLOSURE now available on STN
NEWS 16	May 05	Pharmacokinetic information and systematic chemical names added to PHAR
NEWS 17	May 15	MEDLINE file segment of TOXCENTER reloaded
NEWS 18	May 15	Supporter information for ENCOMPPAT and ENCOMPLIT updated

```
 NEWS 19  May 19  Simultaneous left and right truncation added to WSCA
 NEWS 20  May 19  RAPRA enhanced with new search field, simultaneous left and
                  right truncation
 NEWS 21  Jun 06  Simultaneous left and right truncation added to CBNB
 NEWS 22  Jun 06  PASCAL enhanced with additional data
 NEWS 23  Jun 20  2003 edition of the FSTA Thesaurus is now available
 NEWS 24  Jun 25  HSDB has been reloaded
 NEWS 25  Jul 16  Data from 1960-1976 added to RDISCLOSURE

 NEWS EXPRESS  April 4 CURRENT WINDOWS VERSION IS V6.01a, CURRENT
               MACINTOSH VERSION IS V6.0b(ENG) AND V6.0Jb(JP),
               AND CURRENT DISCOVER FILE IS DATED 01 APRIL 2003
 NEWS HOURS    STN Operating Hours Plus Help Desk Availability
 NEWS INTER    General Internet Information
 NEWS LOGIN    Welcome Banner and News Items
 NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
 NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 08:30:52 ON 21 JUL 2003

=> logff
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files.  For example, the EXPAND
command can only be used to look at the index in a file which has an
index.  Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of
commands which can be used in this file.

=> logoff
ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF
LOGOFF? (Y)/N/HOLD:y
COST IN U.S. DOLLARS                          SINCE FILE      TOTAL
                                                   ENTRY    SESSION
FULL ESTIMATED COST                                 0.21       0.21

STN INTERNATIONAL LOGOFF AT 08:31:09 ON 21 JUL 2003



Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *
```

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NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
NEWS  2          "Ask CAS" for self-help around the clock
NEWS  3  JAN 27  Source of Registration (SR) information in REGISTRY updated
                 and searchable
NEWS  4  JAN 27  A new search aid, the Company Name Thesaurus, available in
                 CA/CAplus
NEWS  5  FEB 05  German (DE) application and patent publication number format
                 changes
NEWS  6  MAR 03  MEDLINE and LMEDLINE reloaded
NEWS  7  MAR 03  MEDLINE file segment of TOXCENTER reloaded
NEWS  8  MAR 03  FRANCEPAT now available on STN
NEWS  9  MAR 29  Pharmaceutical Substances (PS) now available on STN
NEWS 10  MAR 29  WPIFV now available on STN
NEWS 11  MAR 29  New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12  APR 26  PROMT: New display field available
NEWS 13  APR 26  IFIPAT/IFIUDB/IFICDB: New super search and display field
                 available
NEWS 14  APR 26  LITALERT now available on STN
NEWS 15  APR 27  NLDB: New search and display fields available
NEWS 16  May 10  PROUSDDR now available on STN
NEWS 17  May 19  PROUSDDR: One FREE connect hour, per account, in both May
                 and June 2004
NEWS 18  May 12  EXTEND option available in structure searching
NEWS 19  May 12  Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20  May 17  FRFULL now available on STN
NEWS 21  May 27  STN User Update to be held June 7 and June 8 at the SLA 2004
                 Conference
NEWS 22  May 27  New UPM (Update Code Maximum) field for more efficient patent
                 SDIs in CAplus
NEWS 23  May 27  CAplus super roles and document types searchable in REGISTRY
NEWS 24  May 27  Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS  MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS    STN Operating Hours Plus Help Desk Availability
NEWS INTER    General Internet Information
NEWS LOGIN    Welcome Banner and News Items
NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

  All use of STN is subject to the provisions of the STN Customer
  agreement.  Please note that this agreement limits use to scientific
  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 09:19:10 ON 09 JUN 2004

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 09:19:20 ON 09 JUN 2004
```

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'HOME' AT 09:32:10 ON 09 JUN 2004
FILE 'HOME' ENTERED AT 09:32:10 ON 09 JUN 2004

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 09:32:30 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7
DICTIONARY FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

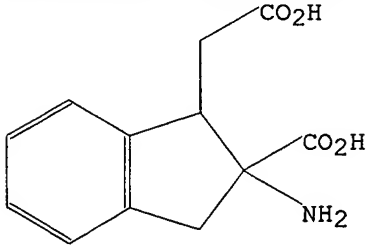
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

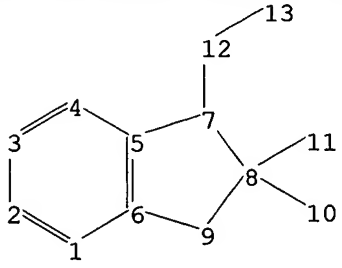
Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Examination Auxillary files\10019890\10019890 elected specie.str





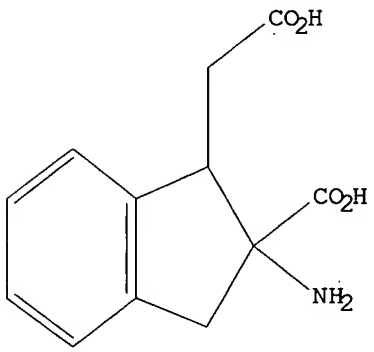
chain nodes :
10 11 12 13
ring nodes :
1 2 3 4 5 6 7 8 9

chain bonds :
7-12 8-10 8-11 12-13
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
5-7 6-9 7-8 8-9 8-10
exact bonds :
7-12 8-11 12-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS 12:CLASS 13:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 exact full
FULL SEARCH INITIATED 09:33:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 8 TO ITERATE

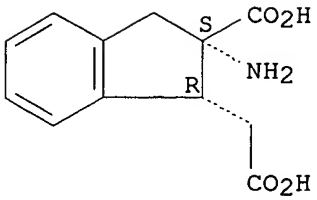
100.0% PROCESSED 8 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L2 2 SEA EXA FUL L1

=> d scan

L2 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-1-acetic acid, 2-amino-2-carboxy-2,3-dihydro-, (1R,2S)-rel-
    (9CI)
MF C12 H13 N O4

Relative stereochemistry.

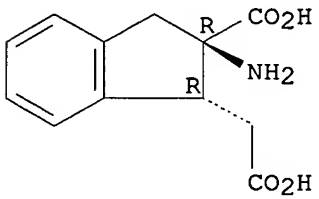


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L2 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-1-acetic acid, 2-amino-2-carboxy-2,3-dihydro-, (1R,2R)-rel- (9CI)
MF C12 H13 N O4

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	53.09	53.30

FILE 'CAPLUS' ENTERED AT 09:33:44 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 9 Jun 2004 VOL 140 ISS 24
FILE LAST UPDATED: 8 Jun 2004 (20040608/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

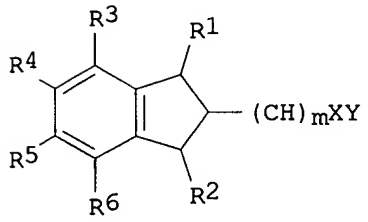
=> l2
L3 1 L2

=> d l3 ti fbib abs

L3 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2-aminoindane analogs
AN 2001:31449 CAPLUS
DN 134:86547
TI Preparation of 2-aminoindane analogs
IN Curry, Kenneth
PA IGT Pharma Inc., Can.
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002342	A1	20010111	WO 2000-CA770	20000630
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				CA 1999-2276798A	19990630
	EP 1194400	A1	20020410	EP 2000-941844	20000630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				CA 1999-2276798A	19990630
				WO 2000-CA770 W	20000630

OS MARPAT 134:86547
GI



I

AB 2-Aminoindane analogs I [R1, R2 = H or an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, isoxazolyl, -(CH2)n-carboxy, -phosphono, -phosphino, -sulfono, -sulfino, -borono, -tetrazolyl, or -isoxazolyl, where n = 1-6; X is an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, or isoxazolyl; Y is a basic group selected from aliphatic or aromatic primary, secondary, or tertiary amino, quaternary ammonium salts,

imidazolyl, guanidino, boronoamino, allyl, urea, or thiourea; m = 0 or 1; R3-6 = H, nitro, amino, halo, tritium, trifluoromethyl, trifluoroacetyl, sulfo, carboxy, carbamoyl, or sulfamoyl] or their stereoisomers or pharmaceutically acceptable salts were prepared as modulators of metabotropic glutamate receptors (mGluRs) for use in treating diseases of the central nervous system. Thus, 2-amino-2-carboxy-1-indaneacetic acid (cis and trans isomers) were prepared by a multistep procedure starting from 1,2-phenylenediacetonitrile. The cAMP assay showed that the cis isomer is a Group II/III mGluRs antagonist (EC50 = 1.2x10-9 M) and the trans isomer is a Group II/III mGluRs agonist (EC50 = 1.1x10-7 M).

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.73	58.03

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

FILE 'REGISTRY' ENTERED AT 09:36:48 ON 09 JUN 2004

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7
DICTIONARY FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

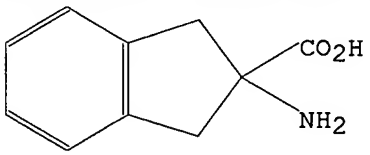
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

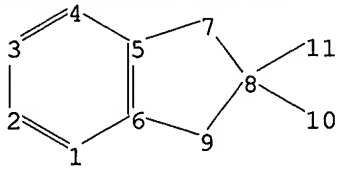
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Examination Auxillary files\10019890\10019890 1st try.str





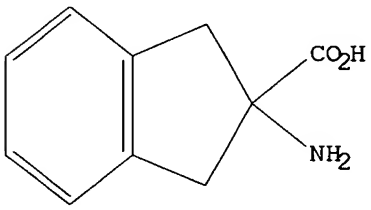
chain nodes :
10 11
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
8-10 8-11
ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
5-7 6-9 7-8 8-9 8-10
exact bonds :
8-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:CLASS

L4 STRUCTURE UPLOADED

=> d l4
L4 HAS NO ANSWERS
L4 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l4 exact full
FULL SEARCH INITIATED 09:37:23 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 10 TO ITERATE

100.0% PROCESSED 10 ITERATIONS 1 ANSWERS
SEARCH TIME: 00.00.01

L5 1 SEA EXA FUL L4

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	53.51	111.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

FILE 'CAPLUS' ENTERED AT 09:38:36 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 9 Jun 2004 VOL 140 ISS 24
FILE LAST UPDATED: 8 Jun 2004 (20040608/ED)

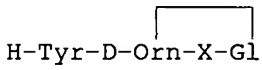
This file contains CAS Registry Numbers for easy and accurate substance identification.

```
=> 15
L6          29 L5

=> 15/prep
            29 L5
       3157083 PREP/RL
L7          12 L5/PREP
                 (L5 (L) PREP/RL)

=> d l7 7-12 ti fbib abs
```

L7 ANSWER 7 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
TI Conformational restriction of the phenylalanine residue in a cyclic opioid peptide analog: effects on receptor selectivity and stereospecificity
AN 1991:608503 CAPLUS
DN 115:208503
TI Conformational restriction of the phenylalanine residue in a cyclic opioid peptide analog: effects on receptor selectivity and stereospecificity
AU Schiller, Peter W.; Weltrowska, Grazyna; Nguyen Thi Mai Dung; Lemieux, Carole; Chung, Nga N.; Marsden, Brian J.; Wilkes, Brian C.
CS Lab. Chem. Biol. Pept. Res., Clin. Res. Inst. Montreal, Montreal, QC, H2W 1R7, Can.
SO Journal of Medicinal Chemistry (1991), 34(10), 3125-32
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
GI



H-Tyr-D-Orn-X-Glu-NH_2 I

AB In an effort to determine the effect of side chain conformational restriction on opioid receptor selectivity, the cyclic phenylalanine analogs 2-aminoindane-2-carboxylic acid (Aic), 2-aminotetralin-2-carboxylic acid (Atc), and tetrahydroisoquinoline-3-carboxylic acid (Tic) were substituted for phenylalanine in the potent cyclic opioid peptide analog I (X = Phe), which lacks significant opioid receptor selectivity. Compds. were tested in μ- and δ-opioid receptor representative binding assays and bioassays in vitro. I (X = Aic) was a potent agonist with high preference for μ receptors over δ receptors. Analogous peptides I (X = Cα-methylphenylalanine, o-methylphenylalanine) were only slightly selective, indicating that the high μ selectivity of the Aic analog is exclusively the consequence of the imposed side chain conformational restriction. Both diastereoisomers I (X = L- and D-Atc) were highly μ-selective and both had similar potency. Thus, stereospecificity was lost as a consequence of side chain conformational restriction. Further

structure-activity data obtained with analogs containing L- or D-homophenylalanine (Hfe) or 3-(1'-naphthyl)alanine (Nal) in place of Phe3 and consideration of geometric interrelationships between Nal and the L and D isomers of Atc, Hfe, and phenylalanine led to the proposal that the D-Phe3 and the D-Atc3 analogs may have different modes of binding to the receptor. The very low potency observed with I (X = MePhe, Tic) indicated that Nα-alkylation at the 3-position is detrimental to activity.

L7 ANSWER 8 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
TI Synthesis and properties of chemotactic peptide analogs. I. Crystal structure and molecular conformation of HCO-Met-Leu-Ain-OMe
AN 1991:429898 CAPLUS
DN 115:29898
TI Synthesis and properties of chemotactic peptide analogs. I. Crystal structure and molecular conformation of HCO-Met-Leu-Ain-OMe
AU Gavuzzo, E.; Lucente, Gino; Mazza, Fernando; Pagani Zecchini, G.; Paglialunga Paradisi, M.; Pochetti, G.; Torrini, T.
CS Inst. Struct. Chem. "G. Giacomello", CNR, Monterotondo, 00016, Italy
SO International Journal of Peptide & Protein Research (1991), 37(4), 268-76
CODEN: IJPPC3; ISSN: 0367-8377
DT Journal
LA English
AB HCO-Met-Leu-Ain-One (I, Ain = 2-aminoindane-2-carboxylic acid) was prepared and its crystal structure and conformation were determined I is an analog of the chemotactic peptide HCO-Met-Leu-Phe-OH containing the conformationally blocked Ain residue. Two independent mols. A and B have been found in the asym. unit of the crystal of I. Their conformation can be described as extended at the Met and Leu residues, but folded at the C-terminal Ain residue. The helical folding is left- and right-handed in the A and B mol., resp. The crystal packing is characterized by ribbons of intermol. hydrogen bonded mols. extended along the c direction. The constrained analog I is highly active in the superoxide production, thus indicating that a stabilization of a helical folding at the C-terminal region of chemotactic tripeptides maintains the activity. The orientation of the aromatic ring, with respect to its adjacent backbone atoms, does not seem critical for the activity.

L7 ANSWER 9 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
TI 6-(2-Aminohexahydro-2-indancarboxamido)penicillanic acid
AN 1973:442492 CAPLUS
DN 79:42492
TI 6-(2-Aminohexahydro-2-indancarboxamido)penicillanic acid
PA American Home Products Corp.
SO Brit., 10 pp.
CODEN: BRXXAA
DT Patent
LA English
FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1313429	A	19730411	GB 1970-26263	19700601
				US 1969-852467	19690822
	US 3621011	A	19711116	US 1969-852467	19690822
	ZA 7005462	A	19710527	ZA 1970-5462	19700807
				US 1969-852467	19690822
	CA 973878	A1	19750902	CA 1970-90189	19700807
				US 1969-852467	19690822
	FR 2068513	A1	19710827	FR 1970-30726	19700821
	FR 2068513	A5	19710827		
				US 1969-852467	19690822

PATENT FAMILY INFORMATION:
FAN 1971:141782

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE

PI	DE 2041655	A	19710304	DE 1970-2041655	19700821
				US 1969-852467	19690822
	US 3621011	A	19711116	US 1969-852467	19690822
	ZA 7005462	A	19710527	ZA 1970-5462	19700807
				US 1969-852467	19690822
	CA 973878	A1	19750902	CA 1970-90189	19700807
				US 1969-852467	19690822
	FR 2068513	A1	19710827	FR 1970-30726	19700821
	FR 2068513	A5	19710827		
				US 1969-852467	19690822

GI For diagram(s), see printed CA Issue.

AB The pencillin (I), having anitmicrobial activity against gram-neg. and Gram-pos. microorganisms, was prepared by acylation fo 6-aminopenicillanic acid (II) or silylated II with the hexahydroindan (III, RR1 = CO2), or with the acid chloride (III, R = H, R1 = Cl), resp. III was prepared from indene. Thus, addition of 4 g III (RR1 = CO2) to a suspension of 5 g II in H2O, adjusted to pH 6.2 with Et3N, gave, after 5 days at 4°, 5.3 g I.

L7 ANSWER 10 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN

TI Antibacterial 6-(2-aminohexahydro-2-indanecarboxamido)penicillanic acid

AN 1971:141782 CAPLUS

DN 74:141782

TI Antibacterial 6-(2-aminohexahydro-2-indanecarboxamido)penicillanic acid

IN Alburn, Harvey E.; Grant, Norman H.; Russell, Peter Byrom

PA American Home Products Corp.

SO Ger. Offen., 27 pp.
CODEN: GWXXBX

DT Patent

LA German

FAN.CNT 2

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	DE 2041655	A	19710304	DE 1970-2041655	19700821
				US 1969-852467	19690822
	US 3621011	A	19711116	US 1969-852467	19690822
	ZA 7005462	A	19710527	ZA 1970-5462	19700807
				US 1969-852467	19690822
	CA 973878	A1	19750902	CA 1970-90189	19700807
				US 1969-852467	19690822
	FR 2068513	A1	19710827	FR 1970-30726	19700821
	FR 2068513	A5	19710827		
				US 1969-852467	19690822

PATENT FAMILY INFORMATION:

FAN 1973:442492

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1313429	A	19730411	GB 1970-26263	19700601
				US 1969-852467	19690822
	US 3621011	A	19711116	US 1969-852467	19690822
	ZA 7005462	A	19710527	ZA 1970-5462	19700807
				US 1969-852467	19690822
	CA 973878	A1	19750902	CA 1970-90189	19700807
				US 1969-852467	19690822
	FR 2068513	A1	19710827	FR 1970-30726	19700821
	FR 2068513	A5	19710827		
				US 1969-852467	19690822

GI For diagram(s), see printed CA Issue.

AB The title compound (I), useful as antibiotic and effective against penicillin-resistent bacteria, was prepared from 6-aminopenicillanic acid (II) and 2-aminohexahydro-2-indonecarboxylic acid derivs. Thus, 2-indanone, prepared by oxidation of indene with H2O2, was heated with KOCN,

(NH4)2CO3, and HCONH2 to give III. Hydrolysis of III with Ba(OH)2 gave 2-amino-2-indanecarboxylic acid, which on hydrogenation over Rh/C and subsequent reaction with COCl2 in dioxane yielded N-carboxy-2-aminohexahydro-2-indanecarboxylic anhydride (IV). Reaction of IV with II in aqueous Et3N 5 days at 4° gave I.

L7 ANSWER 11 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
TI 1- and 2-amino indanes and tetralene carboxylic acids, used in preparing penicillins
AN 1971:42218 CAPLUS
DN 74:42218
TI 1- and 2-amino indanes and tetralene carboxylic acids, used in preparing penicillins
IN Fletcher, Horace, III; Russell, Peter B.; Alburn, Harvey E.
PA American Home Products Corp.
SO U.S., 3 pp.
CODEN: USXXAM
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 3532744	A	19701006	US 1967-656673	19670728
			US 1967-656673	19670728

AB A mixture of 1-indanone, KCN, and (NH4)2CO3 in HCONH2 was heated in a steel bomb at 110° for 20 hr to give 56% spiro[imidazolidine-4,1'-indan]-2,5-dione (I). I was refluxed in 20% KOH for 72 hr under N to form 1-aminoindan-1-carboxylic acid (II), m. 290-4°. II was stirred in dioxane and treated with phosgene for 1 hr at 60°, then for 3 hr at 90° form 54% 1-aminoindan-1-carboxylic acid N-carboxyanhydride, m. 152-3°. Similarly prepared were 3',3-dihydro-6'-methoxyspiro-[imidazolidine-4,1'(2H)-naphthalene]-2,5-dione, m. 219-20°; 1-amino-6-methoxytetralincarboxylic acid, m. 217° (decomposition) and its N-carboxyanhydride, m. 152-5° (decomposition); spiro-[imidazolidine-4,2'-indan]-2,5-dione, m. 260-2°; 2-aminoindan-2-carboxylic acid, m. 291-3°, and its N-carboxyanhydride, m. 156-7°.

L7 ANSWER 12 OF 12 CAPLUS COPYRIGHT 2004 ACS on STN
TI Antimicrobial penicillanic acids
AN 1970:121520 CAPLUS
DN 72:121520
TI Antimicrobial penicillanic acids
PA American Home Products Corp.
SO Brit., 10 pp.
CODEN: BRXXAA
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI GB 1179060		19700128		
			US	19670728
DE 1795004			DE	
FR 1604006			FR	
FR 7719			FR	
US 3494915		19700000	US	
ZA 6804369		19680000	ZA	

GI For diagram(s), see printed CA Issue.
AB Synthetic penicillins (I) effective against Gram-neg. and Gram-pos. microbes, were prepared by treating an N-carboxy amino acid anhydride (NCA) (cf. U.S. 3,194,802, CA 63: 11569a) with 6-amino penicillanic acid (6-APA). Thus, 11.9 g 2-aminoindan-2-carboxylic acid was treated in 250 ml dioxane with phosgene 2 hr at 90° the NCA derivative obtained, m.

156-7° (EtOAc- hexane). The NCA derivative was added 5.6 g 6-APA in 100 ml H2O (pH 6) to give 6-(2-aminoindan-2-carboxamido)penicillanic acid. In vitro and in vivo data appear.

=>
Connection closed by remote host

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * * * * * * Welcome to STN International * * * * * * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	JAN 27	Source of Registration (SR) information in REGISTRY updated and searchable
NEWS	4	JAN 27	A new search aid, the Company Name Thesaurus, available in CA/CAplus
NEWS	5	FEB 05	German (DE) application and patent publication number format changes
NEWS	6	MAR 03	MEDLINE and LMEDLINE reloaded
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 03	FRANCEPAT now available on STN
NEWS	9	MAR 29	Pharmaceutical Substances (PS) now available on STN
NEWS	10	MAR 29	WPIFV now available on STN
NEWS	11	MAR 29	New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS	12	APR 26	PROMT: New display field available
NEWS	13	APR 26	IFIPAT/IFIUDB/IFICDB: New super search and display field available
NEWS	14	APR 26	LITALERT now available on STN
NEWS	15	APR 27	NLDB: New search and display fields available
NEWS	16	May 10	PROUSDDR now available on STN
NEWS	17	May 19	PROUSDDR: One FREE connect hour, per account, in both May and June 2004
NEWS	18	May 12	EXTEND option available in structure searching
NEWS	19	May 12	Polymer links for the POLYLINK command completed in REGISTRY
NEWS	20	May 17	FRFULL now available on STN
NEWS	21	May 27	STN User Update to be held June 7 and June 8 at the SLA 2004 Conference
NEWS	22	May 27	New UPM (Update Code Maximum) field for more efficient patent SDIs in CAplus
NEWS	23	May 27	CAplus super roles and document types searchable in REGISTRY
NEWS	24	May 27	Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS	MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS	STN Operating Hours Plus Help Desk Availability
NEWS INTER	General Internet Information
NEWS LOGIN	Welcome Banner and News Items
NEWS PHONE	Direct Dial and Telecommunication Network Access to STN
NEWS WWW	CAS World Wide Web Site (general information)

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* * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 10:11:47 ON 09 JUN 2004

=> ilke reg
THIS COMMAND NOT AVAILABLE IN THE CURRENT FILE
Some commands only work in certain files. For example, the EXPAND command can only be used to look at the index in a file which has an index. Enter "HELP COMMANDS" at an arrow prompt (=>) for a list of commands which can be used in this file.

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'REGISTRY' ENTERED AT 10:12:01 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7
DICTIONARY FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

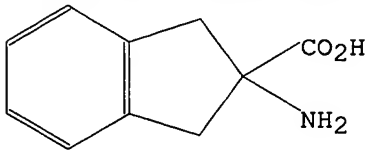
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

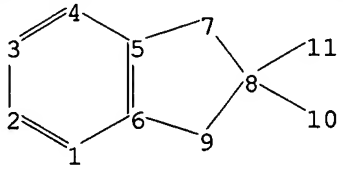
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Examination Auxillary files\10019890\10019890 1st try.str





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10 11
ring nodes :
1 2 3 4 5 6 7 8 9

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8-10  8-11
ring bonds :
1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
5-7  6-9  7-8  8-9  8-10
exact bonds :
8-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6


Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS



L1      STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1                STR
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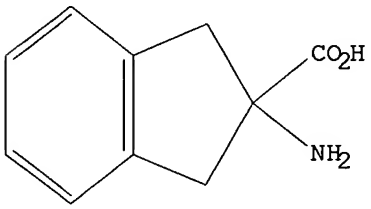


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Structure attributes must be viewed using STN Express query preparation.


=> search l1 sss sam
SAMPLE SEARCH INITIATED 10:12:29 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    252 TO ITERATE

100.0% PROCESSED     252 ITERATIONS                                3 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         4088 TO     5992
PROJECTED ANSWERS:               3 TO      163

L2            3 SEA SSS SAM L1

=> d scan

L2   3 ANSWERS   REGISTRY  COPYRIGHT 2004 ACS on STN
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MF   C10 H11 N O4
CI   COM
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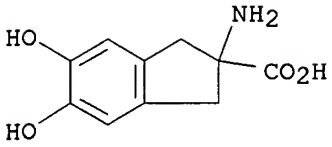


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):logoff hold
'LOGOFF HOLD' IS NOT VALID HERE

To display more answers, enter the number of answers you would like to see. To end the display, enter "NONE", "N", "0", or "END".
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	1.05

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:13:06 ON 09 JUN 2004

Connecting via Winsock to STN

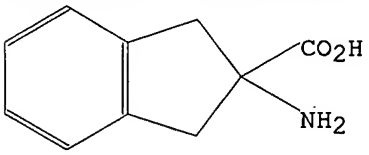
Welcome to STN International! Enter x:x

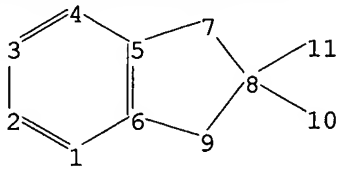
LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 10:15:17 ON 09 JUN 2004
FILE 'REGISTRY' ENTERED AT 10:15:17 ON 09 JUN 2004
COPYRIGHT (C) 2004 American Chemical Society (ACS)

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.84	1.05

=>
Uploading C:\Examination Auxillary files\10019890\10019890 1st try h fixed.str





chain nodes :
10 11
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
8-10 8-11
ring bonds :

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1-2  1-6  2-3  3-4  4-5  5-6  5-7  6-9  7-8  8-9
exact/norm bonds :
5-7  6-9  7-8  8-9  8-10
exact bonds :
8-11
normalized bonds :
1-2  1-6  2-3  3-4  4-5  5-6

Hydrogen count :
1:>= minimum 1  2:>= minimum 1  3:>= minimum 1  4:>= minimum 1
Match level :
1:Atom  2:Atom  3:Atom  4:Atom  5:Atom  6:Atom  7:Atom  8:Atom  9:Atom  10:CLASS
11:CLASS


L3      STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3                STR
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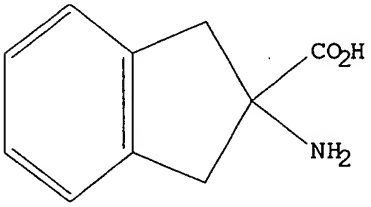


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Structure attributes must be viewed using STN Express query preparation.


=> search l3 sss sam
SAMPLE SEARCH INITIATED 10:16:43 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -    252 TO ITERATE

100.0% PROCESSED     252 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:          4088 TO     5992
PROJECTED ANSWERS:                0 TO        0

L4            0 SEA SSS SAM L3

=> search l3 sss full
FULL SEARCH INITIATED 10:16:51 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   4624 TO ITERATE

100.0% PROCESSED    4624 ITERATIONS                                5 ANSWERS
SEARCH TIME: 00.00.01

L5            5 SEA SSS FUL L3

=> d scan

L5   5 ANSWERS   REGISTRY  COPYRIGHT 2004 ACS on STN
IN   1H-Indene-1-acetic acid, 2-amino-2-carboxy-2,3-dihydro-, (1R,2S)-rel-
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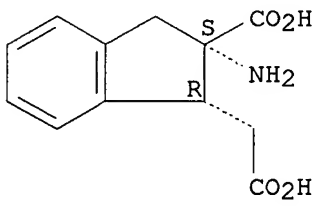
(9CI)
MF C12 H13 N O4

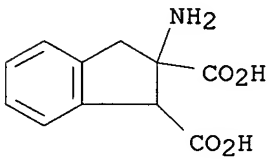
Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

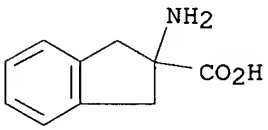
HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):5

L5 5 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-1,2-dicarboxylic acid, 2-amino-2,3-dihydro- (9CI)
MF C11 H11 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

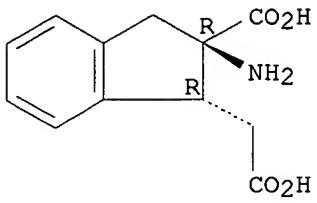
L5 5 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-carboxylic acid, 2-amino-2,3-dihydro-, hydrochloride (9CI)
MF C10 H11 N O2 . Cl H



● HCl

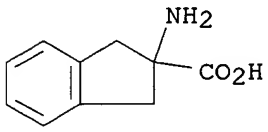
L5 5 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-1-acetic acid, 2-amino-2-carboxy-2,3-dihydro-, (1R,2R)-rel- (9CI)
MF C12 H13 N O4

Relative stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 5 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-carboxylic acid, 2-amino-2,3-dihydro- (9CI)
MF C10 H11 N O2
CI COM



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	157.10	157.31

FILE 'CAPLUS' ENTERED AT 10:17:12 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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FILE COVERS 1907 - 9 Jun 2004 VOL 140 ISS 24
FILE LAST UPDATED: 8 Jun 2004 (20040608/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l5
L6 33 L5

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=> file reg
COST IN U.S. DOLLARS                                    SINCE FILE      TOTAL
                                                           ENTRY    SESSION
FULL ESTIMATED COST                                         0.44     157.75

FILE 'REGISTRY' ENTERED AT 10:17:34 ON 09 JUN 2004
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STRUCTURE FILE UPDATES:    7 JUN 2004  HIGHEST RN 690625-61-7
DICTIONARY FILE UPDATES:   7 JUN 2004  HIGHEST RN 690625-61-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more
information enter HELP PROP at an arrow prompt in the file or refer
to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=> e 1H-Indene-2-carboxylic acid, 2-amino-2,3-dihydro-/cn
E1            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3,4,7-TETRAHYDRO-/CN
E2            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3,4,7-TETRAHYDRO-4,7-
                     DIOXO-/CN
E3            1 --> 1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-/CN
E4            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, ETHYL EST
                     ER/CN
E5            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, ETHYL EST
                     ER, HYDROCHLORIDE/CN
E6            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, HYDROCHLO
                     RIDE/CN
E7            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, METHYL ES
                     TER/CN
E8            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, METHYL ES
                     TER, HYDROCHLORIDE/CN
E9            1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, PHENYLMET
                     HYL ESTER/CN
E10           1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-, PHENYLMET
                     HYL ESTER, HYDROCHLORIDE/CN
E11           1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-1-OXO-, ETH
                     YL ESTER/CN
E12           1      1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-4,5-DIHYDRO
                     XY-, HYDROBROMIDE/CN

=> e3
L7            1 "1H-INDENE-2-CARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-"/CN

=> d l7

L7   ANSWER 1 OF 1  REGISTRY  COPYRIGHT 2004 ACS on STN
RN   27473-62-7  REGISTRY
CN   1H-Indene-2-carboxylic acid, 2-amino-2,3-dihydro- (9CI)  (CA
     INDEX NAME)
OTHER CA INDEX NAMES:
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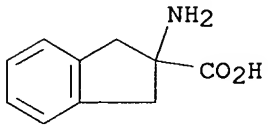
CN 2-Indancarboxylic acid, 2-amino- (8CI)
OTHER NAMES:
CN 2-Amino-2-carboxyindan
CN 2-Amino-2-indancarboxylic acid
CN NSC 70943
FS 3D CONCORD
MF C10 H11 N O2
CI COM
LC STN Files: BEILSTEIN*, BIOSIS, CA, CAPLUS, CASREACT, CHEMCATS, CSCHEM, IFICDB, IFIPAT, IFIUDB, TOXCENTER, USPAT2, USPATFULL
(*File contains numerically searchable property data)
DT.CA CAplus document type: Journal; Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent)
RL.NP Roles from non-patents: BIOL (Biological study); PREP (Preparation); PROC (Process); PRP (Properties); RACT (Reactant or reagent); NORL (No role in record)
RLD.NP Roles for non-specific derivatives from non-patents: PREP (Preparation)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

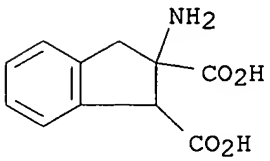
29 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES TO NON-SPECIFIC DERIVATIVES IN FILE CA
29 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> e 1H-Indene-1,2-dicarboxylic acid, 2-amino-2,3-dihydro-/cn
E1 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 2,3-DIHYDRO-7-METHOXY-, DIETHYL ESTER/CN
E2 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 2,3-DIHYDRO-7-METHYL-, DIMETHYL ESTER/CN
E3 1 --> 1H-INDENE-1,2-DICARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-/CN
E4 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-((4-CHLOROPHENYL)THIO)OCTAHYDRO-5,5-DIMETHYL-4-OXO-, DIETHYL ESTER/CN
E5 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-(4-BROMOPHENYL)-, DIMETHYL ESTER/CN
E6 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-(4-CHLOROPHENYL)-, DIMETHYL ESTER/CN
E7 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-(4-METHYLPHENYL)-, DIMETHYL ESTER/CN
E8 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-(4-NITROPHENYL)-, DIMETHYL ESTER/CN
E9 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-(ACETYLOXY)-7-METHYL-, DIMETHYL ESTER/CN
E10 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-ETHYL-, DIMETHYL ESTER/CN
E11 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 3-PHENYL-, DIMETHYL ESTER/CN
E12 1 1H-INDENE-1,2-DICARBOXYLIC ACID, 4,5-DIMETHOXY-, DIETHYL ESTER/CN

=> e3
L8 1 "1H-INDENE-1,2-DICARBOXYLIC ACID, 2-AMINO-2,3-DIHYDRO-"/CN

=> d l8

L8 ANSWER 1 OF 1 REGISTRY COPYRIGHT 2004 ACS on STN
RN 316810-55-6 REGISTRY
CN **1H-Indene-1,2-dicarboxylic acid, 2-amino-2,3-dihydro- (9CI)** (CA INDEX NAME)
FS 3D CONCORD
MF C11 H11 N O4
SR CA
LC STN Files: CA, CAPLUS, TOXCENTER
DT.CA CAplus document type: Patent
RL.P Roles from patents: BIOL (Biological study); PREP (Preparation); USES (Uses)



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

1 REFERENCES IN FILE CA (1907 TO DATE)
1 REFERENCES IN FILE CAPLUS (1907 TO DATE)

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	13.66	171.41

FILE 'CAPLUS' ENTERED AT 10:19:07 ON 09 JUN 2004
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FILE COVERS 1907 - 9 Jun 2004 VOL 140 ISS 24
FILE LAST UPDATED: 8 Jun 2004 (20040608/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> l8
L9 1 L8

=> d l9 ti fbib abs

L9 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN

TI Preparation of 2-aminoindane analogs
AN 2001:31449 CAPLUS
DN 134:86547
TI Preparation of 2-aminoindane analogs
IN Curry, Kenneth
PA IGT Pharma Inc., Can.
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 2001002342	A1	20010111	WO 2000-CA770	20000630
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
			CA 1999-2276798A	19990630
EP 1194400	A1	20020410	EP 2000-941844	20000630
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
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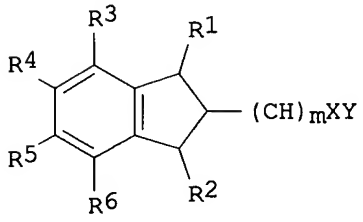
			WO 2000-CA770 W	20000630

OS MARPAT 134:86547
GI



I

AB 2-Aminoindane analogs I [R1, R2 = H or an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, isoxazolyl, -(CH2)n-carboxy, -phosphono, -phosphino, -sulfono, -sulfino, -borono, -tetrazolyl, or -isoxazolyl, where n = 1-6; X is an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, or isoxazolyl; Y is a basic group selected from aliphatic or aromatic primary, secondary, or tertiary amino, quaternary ammonium salts, imidazolyl, guanidino, boronoamino, allyl, urea, or thiourea; m = 0 or 1; R3-6 = H, nitro, amino, halo, tritium, trifluoromethyl, trifluoroacetyl, sulfo, carboxy, carbamoyl, or sulfamoyl] or their stereoisomers or pharmaceutically acceptable salts were prepared as modulators of metabotropic glutamate receptors (mGluRs) for use in treating diseases of the central nervous system. Thus, 2-amino-2-carboxy-1-indaneacetic acid (cis and trans isomers) were prepared by a multistep procedure starting from 1,2-phenylenediacetonitrile. The cAMP assay showed that the cis isomer is a Group II/III mGluRs antagonist (EC50 = 1.2x10-9 M) and the trans isomer is a Group II/III mGluRs agonist (EC50 = 1.1x10-7 M).

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.99	181.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:29:18 ON 09 JUN 2004

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
* * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'CAPLUS' AT 10:39:17 ON 09 JUN 2004
FILE 'CAPLUS' ENTERED AT 10:39:17 ON 09 JUN 2004
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.99	181.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	9.99	181.40

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-0.69

FILE 'REGISTRY' ENTERED AT 10:39:30 ON 09 JUN 2004
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STRUCTURE FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7
DICTIONARY FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

Please note that search-term pricing does apply when
conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

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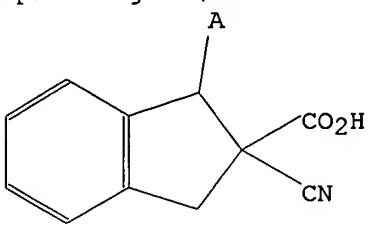

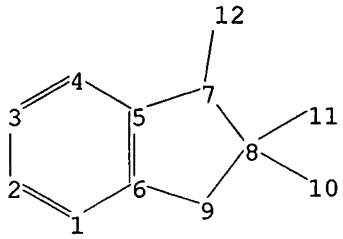

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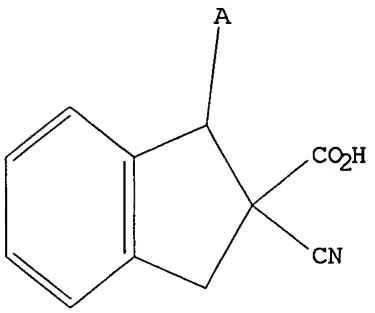
10 11 12
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
7-12 8-10 8-11
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
5-7 6-9 7-8 7-12 8-9
exact bonds :
8-10 8-11
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS 11:CLASS 12:CLASS

L10 STRUCTURE UPLOADED

=> d l10
L10 HAS NO ANSWERS
L10 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SEARCH INITIATED 10:40:58 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -      9 TO ITERATE

100.0% PROCESSED       9 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:            9 TO      360
PROJECTED ANSWERS:               0 TO        0

L11           0 SEA SSS SAM L10

=> search l10 sss full
FULL SEARCH INITIATED 10:41:05 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -    227 TO ITERATE

100.0% PROCESSED     227 ITERATIONS                               1 ANSWERS
SEARCH TIME: 00.00.01

L12           1 SEA SSS FUL L10

=> d scan

L12  1 ANSWERS   REGISTRY  COPYRIGHT 2004 ACS on STN
IN   5,9-Methano-5H-benzocycloheptene-10-carboxylic acid, 10-cyano-6,7,8,9-
     tetrahydro-5-hydroxy- (9CI)
MF   C14 H13 N O3
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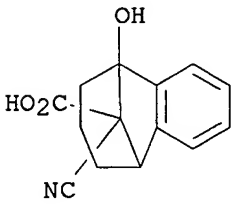


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**PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT**


ALL ANSWERS HAVE BEEN SCANNED


=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                      ENTRY    SESSION
FULL ESTIMATED COST                                   156.68     338.08

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                      ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -0.69

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:41:59 ON 09 JUN 2004

Connecting via Winsock to STN
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Welcome to STN International! Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
 * * * * * * RECONNECTED TO STN INTERNATIONAL * * * * * *
SESSION RESUMED IN FILE 'REGISTRY' AT 10:46:14 ON 09 JUN 2004
FILE 'REGISTRY' ENTERED AT 10:46:14 ON 09 JUN 2004
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COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	156.68	338.08

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

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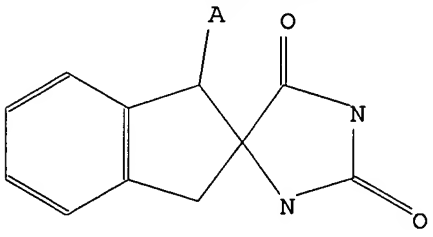

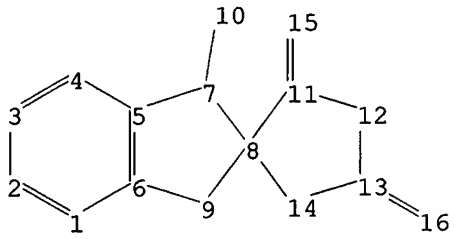

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ring nodes :
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chain bonds :
7-10 11-15 13-16
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 8-11 8-14 11-12 12-13 13-14
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 8-11 8-14 11-12 11-15 12-13 13-14 13-16
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:Atom 13:Atom 14:Atom 15:CLASS 16:CLASS

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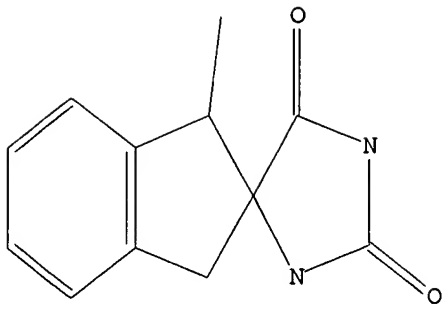
L13 STR



Structure attributes must be viewed using STN Express query preparation.

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FULL SCREEN SEARCH COMPLETED - 6445 TO ITERATE

100.0% PROCESSED 6445 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L14 0 SEA SSS FUL L13

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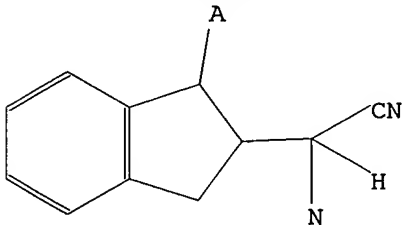
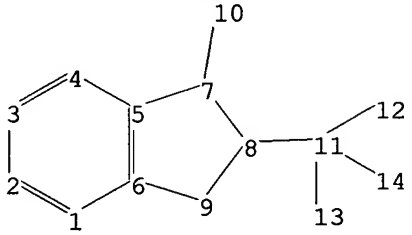


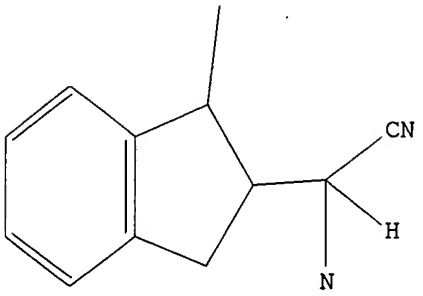


chain nodes :
10 11 12 13 14
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
7-10 8-11 11-12 11-13 11-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 11-13
exact bonds :
8-11 11-12 11-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS

L15 STRUCTURE UPLOADED

=> d l15
L15 HAS NO ANSWERS
L15 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l15 sss sam
SAMPLE SEARCH INITIATED 10:50:23 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 948 TO ITERATE

100.0% PROCESSED 948 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 17113 TO 20807
PROJECTED ANSWERS: 0 TO 0

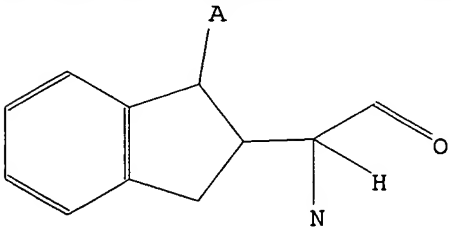
L16 0 SEA SSS SAM L15

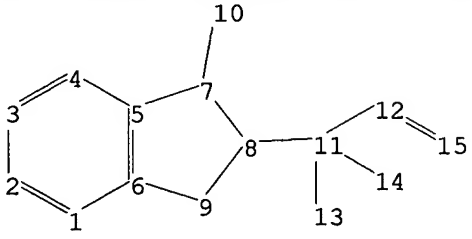
=> search l15 sss full
FULL SEARCH INITIATED 10:50:32 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 19433 TO ITERATE

100.0% PROCESSED 19433 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.01

L17 0 SEA SSS FUL L15

=>
Uploading C:\Examination Auxillary files\10019890\10019890 clm 17.str





chain nodes :
10 11 12 13 14 15
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
7-10 8-11 11-12 11-13 11-14 12-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9

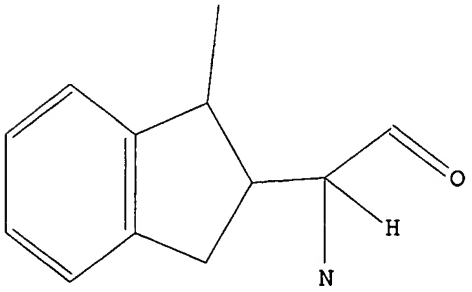
exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 11-13 12-15
exact bonds :
8-11 11-12 11-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L18 STRUCTURE UPLOADED

=> d ol18
L18 HAS NO ANSWERS
'OL18 ' IS NOT A VALID STRUCTURE FORMAT KEYWORD
Structure Formats
SIA ----- Structure Image, Attributes, and map table if it contains
          data. (Default)
SIM ----- Structure IMage.
SAT ----- Structure ATtributes and map table if it contains data.
SCT ----- Structure Connection Table and map table if it contains
          data.
SDA ----- All Structure DAta (image, attributes, connection table and
          map table if it contains data).
NOS ----- NO Structure data.
ENTER STRUCTURE FORMAT (SIM), NOS:end

=> d l18
L18 HAS NO ANSWERS
L18 STR



Structure attributes must be viewed using STN Express query preparation.

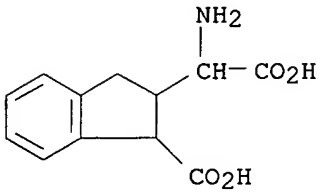
=> search l18
ENTER TYPE OF SEARCH (SSS), CSS, FAMILY, OR EXACT:sss
ENTER SCOPE OF SEARCH (SAMPLE), FULL, RANGE, OR SUBSET:full
FULL SEARCH INITIATED 10:53:22 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED - 30518 TO ITERATE

100.0% PROCESSED 30518 ITERATIONS 2 ANSWERS
SEARCH TIME: 00.00.01

L19 2 SEA SSS FUL L18

=> d scan

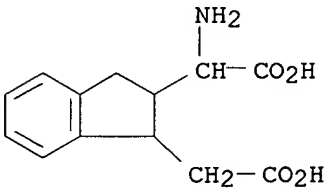
L19 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-acetic acid, α-amino-1-carboxy-2,3-dihydro- (9CI)
MF C12 H13 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):2

L19 2 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-1,2-diacetic acid, α2-amino-2,3-dihydro- (9CI)
MF C13 H15 N O4



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	627.14	808.54

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	0.00	-0.69

FILE 'CAPLUS' ENTERED AT 10:53:47 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 9 Jun 2004 VOL 140 ISS 24
FILE LAST UPDATED: 8 Jun 2004 (20040608/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

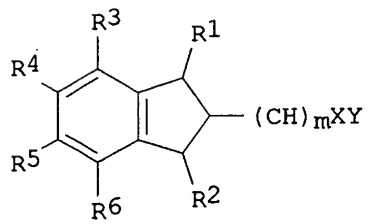
=> l19
L20 1 L19

=> d l20 ti fbib abs

L20 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2004 ACS on STN
TI Preparation of 2-aminoindane analogs
AN 2001:31449 CAPLUS
DN 134:86547
TI Preparation of 2-aminoindane analogs
IN Curry, Kenneth
PA IGT Pharma Inc., Can.
SO PCT Int. Appl., 65 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2001002342	A1	20010111	WO 2000-CA770	20000630
	W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM				
	RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
				CA 1999-2276798A	19990630
	EP 1194400	A1	20020410	EP 2000-941844	20000630
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO				
				CA 1999-2276798A	19990630
				WO 2000-CA770 W	20000630

OS MARPAT 134:86547
GI



I

AB 2-Aminoindane analogs I [R1, R2 = H or an acidic group selected from

carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, isoxazolyl, -(CH2)n-carboxy, -phosphono, -phosphino, -sulfono, -sulfino, -borono, -tetrazolyl, or -isoxazolyl, where n = 1-6; X is an acidic group selected from carboxy, phosphono, phosphino, sulfono, sulfino, borono, tetrazolyl, or isoxazolyl; Y is a basic group selected from aliphatic or aromatic primary, secondary, or tertiary amino, quaternary ammonium salts, imidazolyl, guanidino, boronoamino, allyl, urea, or thiourea; m = 0 or 1; R3-6 = H, nitro, amino, halo, tritium, trifluoromethyl, trifluoroacetyl, sulfo, carboxy, carbamoyl, or sulfamoyl] or their stereoisomers or pharmaceutically acceptable salts were prepared as modulators of metabotropic glutamate receptors (mGluRs) for use in treating diseases of the central nervous system. Thus, 2-amino-2-carboxy-1-indaneacetic acid (cis and trans isomers) were prepared by a multistep procedure starting from 1,2-phenylenediacetonitrile. The cAMP assay showed that the cis isomer is a Group II/III mGluRs antagonist (EC50 = 1.2x10-9 M) and the trans isomer is a Group II/III mGluRs agonist (EC50 = 1.1x10-7 M).

RE.CNT 13 THERE ARE 13 CITED REFERENCES AVAILABLE FOR THIS RECORD
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> file reg

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	4.29	812.83

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-0.69	-1.38

FILE 'REGISTRY' ENTERED AT 10:56:03 ON 09 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7
DICTIONARY FILE UPDATES: 7 JUN 2004 HIGHEST RN 690625-61-7

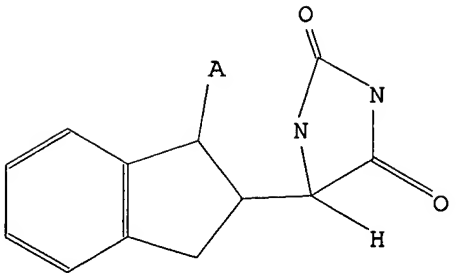
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

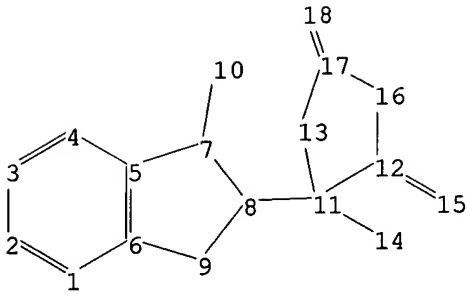
Please note that search-term pricing does apply when conducting SmartSELECT searches.

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Examination Auxillary files\10019890\10019890 clm 16.str





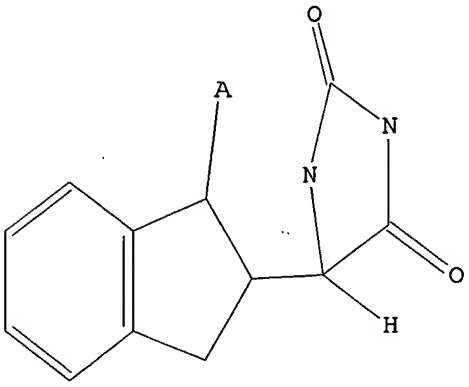
chain nodes :
10 14 15 18
ring nodes :
1 2 3 4 5 6 7 8 9 11 12 13 16 17
chain bonds :
7-10 8-11 11-14 12-15 17-18
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9 11-12 11-13 12-16 13-17 16-17

exact/norm bonds :
5-7 6-9 7-8 7-10 8-9 11-12 11-13 12-15 12-16 13-17 16-17 17-18
exact bonds :
8-11 11-14
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:CLASS
11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:Atom 17:Atom 18:CLASS

L21 STRUCTURE UPLOADED

=> d l21
L21 HAS NO ANSWERS
L21 STR



Structure attributes must be viewed using STN Express query preparation.

```
=> search l21 sss sam
SAMPLE SEARCH INITIATED 10:56:32 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED -     95 TO ITERATE

100.0% PROCESSED      95 ITERATIONS                                0 ANSWERS
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:  ONLINE  **COMPLETE**
                        BATCH   **COMPLETE**
PROJECTED ITERATIONS:         1316 TO     2484
PROJECTED ANSWERS:               0 TO        0

L22           0 SEA SSS SAM L21

=> search l21 sss full
FULL SEARCH INITIATED 10:56:42 FILE 'REGISTRY'
FULL SCREEN SEARCH COMPLETED -   1971 TO ITERATE

100.0% PROCESSED    1971 ITERATIONS                              0 ANSWERS
SEARCH TIME: 00.00.01

L23           0 SEA SSS FUL L21

=> logoff hold
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                   157.10     969.93

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)          SINCE FILE      TOTAL
                                                       ENTRY    SESSION
CA SUBSCRIBER PRICE                                     0.00      -1.38

 SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 10:59:00 ON 09 JUN 2004

Connecting via Winsock to STN



Welcome to STN International!  Enter x:x

LOGINID:SSSPTA1623PAZ

PASSWORD:
TERMINAL (ENTER 1, 2, 3, OR ?):2


* * * * * * * * * *   Welcome to STN International   * * * * * * * * * *

 NEWS  1          Web Page URLs for STN Seminar Schedule - N. America
 NEWS  2          "Ask CAS" for self-help around the clock
 NEWS  3  JAN 27  Source of Registration (SR) information in REGISTRY updated
                  and searchable
 NEWS  4  JAN 27  A new search aid, the Company Name Thesaurus, available in
                  CA/CAplus
 NEWS  5  FEB 05  German (DE) application and patent publication number format
                  changes
 NEWS  6  MAR 03  MEDLINE and LMEDLINE reloaded
 NEWS  7  MAR 03  MEDLINE file segment of TOXCENTER reloaded
 NEWS  8  MAR 03  FRANCEPAT now available on STN
 NEWS  9  MAR 29  Pharmaceutical Substances (PS) now available on STN
 NEWS 10  MAR 29  WPIFV now available on STN
```

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NEWS 11   MAR 29  New monthly current-awareness alert (SDI) frequency in RAPRA
NEWS 12   APR 26  PROMT: New display field available
NEWS 13   APR 26  IFIPAT/IFIUDB/IFICDB: New super search and display field
                  available
NEWS 14   APR 26  LITALERT now available on STN
NEWS 15   APR 27  NLDB: New search and display fields available
NEWS 16   May 10  PROUSDDR now available on STN
NEWS 17   May 19  PROUSDDR: One FREE connect hour, per account, in both May
                  and June 2004
NEWS 18   May 12  EXTEND option available in structure searching
NEWS 19   May 12  Polymer links for the POLYLINK command completed in REGISTRY
NEWS 20   May 17  FRFULL now available on STN
NEWS 21   May 27  STN User Update to be held June 7 and June 8 at the SLA 2004
                  Conference
NEWS 22   May 27  New UPM (Update Code Maximum) field for more efficient patent
                  SDIs in CAplus
NEWS 23   May 27  CAplus super roles and document types searchable in REGISTRY
NEWS 24   May 27  Explore APOLLIT with free connect time in June 2004

NEWS EXPRESS  MARCH 31 CURRENT WINDOWS VERSION IS V7.00A, CURRENT
              MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP),
              AND CURRENT DISCOVER FILE IS DATED 26 APRIL 2004
NEWS HOURS    STN Operating Hours Plus Help Desk Availability
NEWS INTER    General Internet Information
NEWS LOGIN    Welcome Banner and News Items
NEWS PHONE    Direct Dial and Telecommunication Network Access to STN
NEWS WWW      CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that
specific topic.

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  research.  Use for software development or design or implementation
  of commercial gateways or other similar uses is prohibited and may
  result in loss of user privileges and other penalties.

  * * * * * * * * * * * * * * * STN  Columbus  * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 06:17:40 ON 10 JUN 2004

=> file reg
COST IN U.S. DOLLARS                                SINCE FILE      TOTAL
                                                       ENTRY    SESSION
FULL ESTIMATED COST                                     0.21       0.21

FILE 'REGISTRY' ENTERED AT 06:17:45 ON 10 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
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Property values tagged with IC are from the ZIC/VINITI data file
provided by InfoChem.

STRUCTURE FILE UPDATES:    8 JUN 2004  HIGHEST RN 690955-30-7
DICTIONARY FILE UPDATES:   8 JUN 2004  HIGHEST RN 690955-30-7

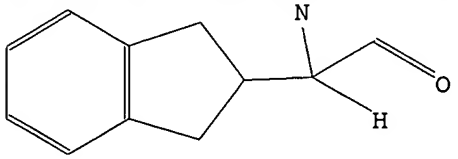
TSCA INFORMATION NOW CURRENT THROUGH JANUARY 6, 2004

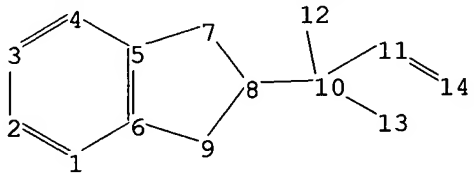
  Please note that search-term pricing does apply when
  conducting SmartSELECT searches.

Crossover limits have been increased.  See HELP CROSSOVER for details.
```

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
http://www.cas.org/ONLINE/DBSS/registryss.html

=>
Uploading C:\Examination Auxillary files\10019890\10019890 clm 16-16 open.str



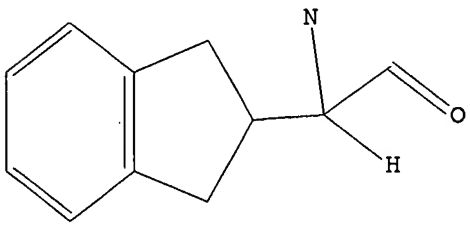


chain nodes :
10 11 12 13 14
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
8-10 10-11 10-12 10-13 11-14
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
5-7 6-9 7-8 8-9 10-12 11-14
exact bonds :
8-10 10-11 10-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6

Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS

L1 STRUCTURE UPLOADED

=> d l1
L1 HAS NO ANSWERS
L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> search l1 sss sam
SAMPLE SEARCH INITIATED 06:18:23 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 1510 TO ITERATE

66.2% PROCESSED 1000 ITERATIONS 19 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 27869 TO 32531
PROJECTED ANSWERS: 252 TO 894

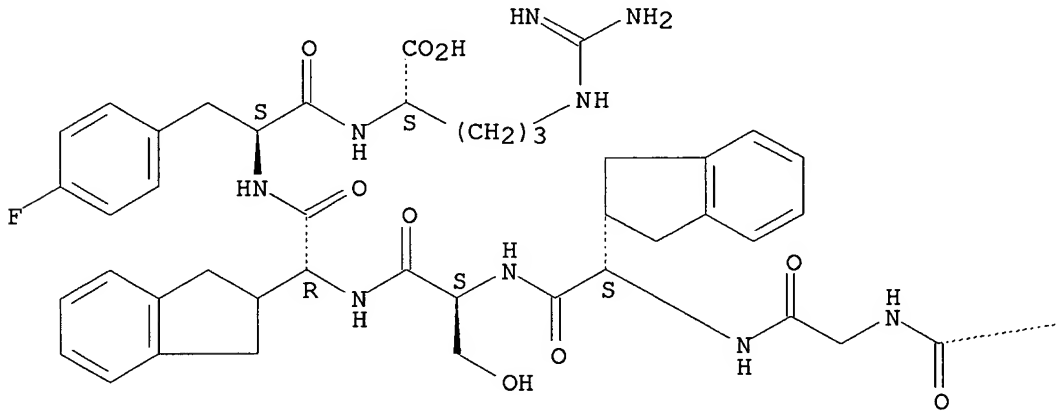
L2 19 SEA SSS SAM L1

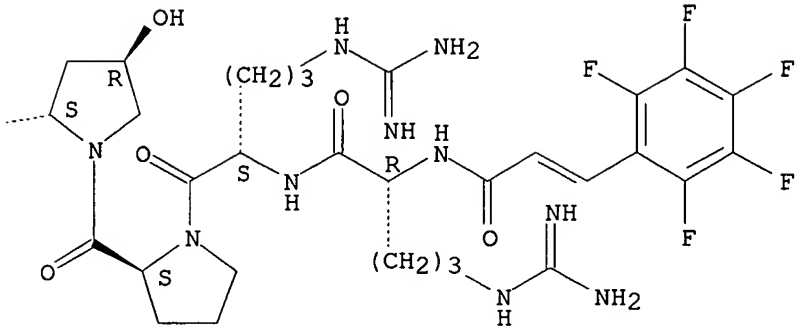
=> d scan

L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN L-Arginine, N2-[1-oxo-3-(pentafluorophenyl)-2-propenyl]-D-arginyl-L-arginyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-(2S)-2-(2,3-dihydro-1H-inden-2-yl)glycyl-L-seryl-(2R)-2-(2,3-dihydro-1H-inden-2-yl)glycyl-4-fluoro-L-phenylalanyl- (9CI)
SQL 10
MF C73 H91 F6 N19 O14

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.
Double bond geometry unknown.



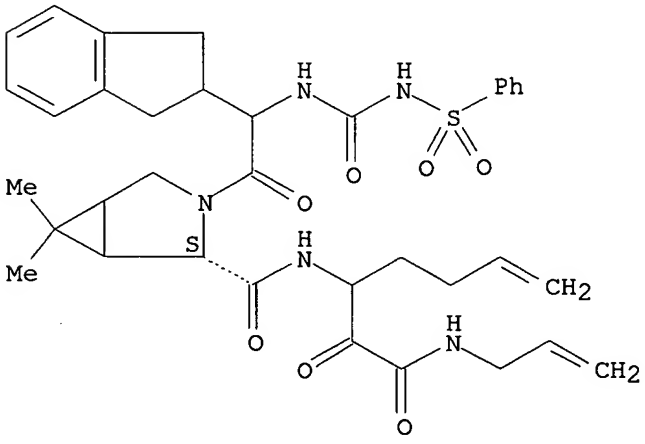


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):10

L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 3-Azabicyclo[3.1.0]hexane-2-carboxamide, 3-[(2,3-dihydro-1H-inden-2-yl)[[[(phenylsulfonyl)amino]carbonyl]amino]acetyl]-6,6-dimethyl-N-[1-[oxo(2-propenylamino)acetyl]-4-pentenyl]-, (2S)- (9CI)
MF C36 H43 N5 O7 S

Absolute stereochemistry.



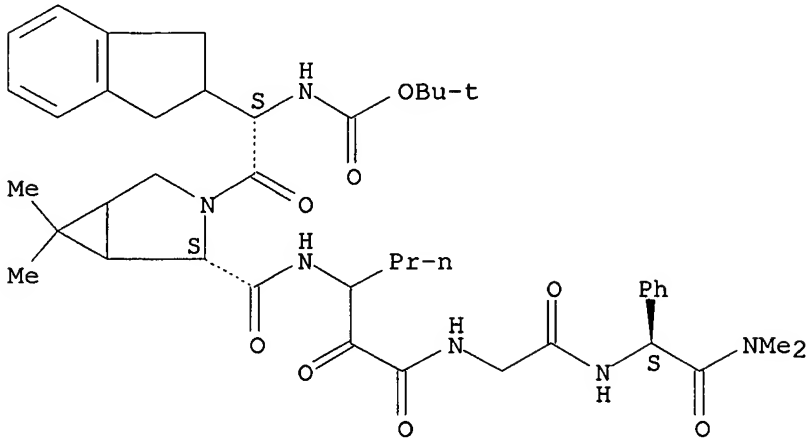
PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(2S)-6,6-dimethyl-3-azabicyclo[3.1.0]hexane-2-carbonyl-3-amino-2-oxohexanoylglycyl-N,N-dimethyl-2-phenyl-, (2S)- (9CI)

SQL 5
MF C42 H56 N6 O8

RELATED SEQUENCES AVAILABLE WITH SEQLINK

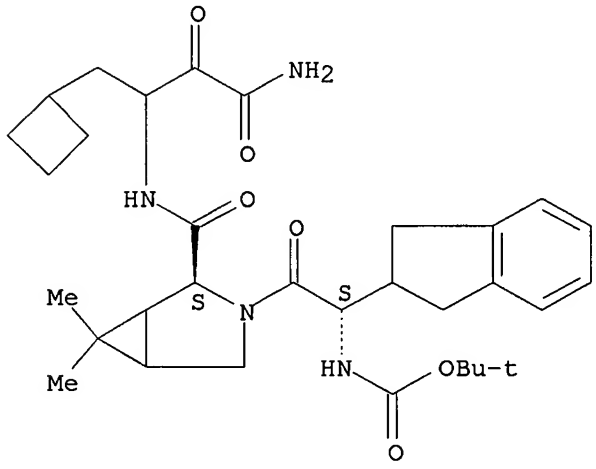
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Carbamic acid, [(1S)-2-[(2S)-2-[[[3-amino-1-(cyclobutylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dimethyl-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 1,1-dimethylethyl ester (9CI)
MF C32 H44 N4 O6

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

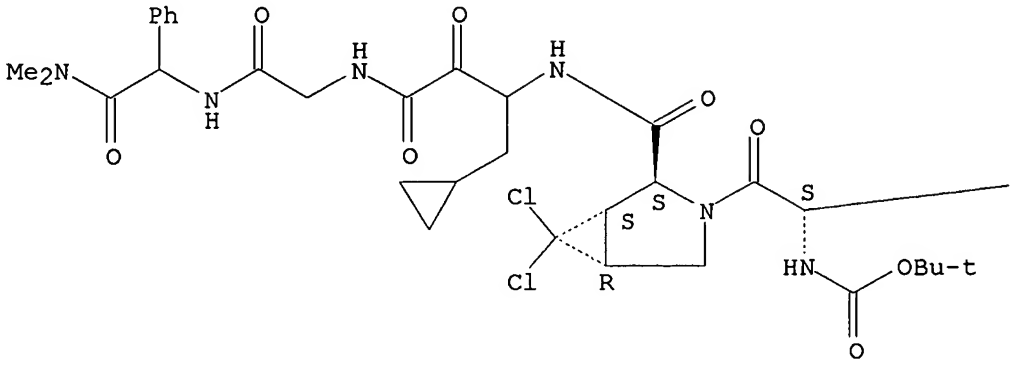
L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Glycinamide, (2S)-2-(2,3-dihydro-1H-inden-2-yl)-N-[(1,1-dimethylethoxy)carbonyl]glycyl-(1S,2S,5R)-6,6-dichloro-3-azabicyclo[3.1.0]hexane-2-carbonyl-β-amino-α-

oxocyclopropanebutanoylglycyl-N,N-dimethyl-2-phenyl- (9CI)
SQL 5
MF C41 H50 Cl2 N6 O8

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



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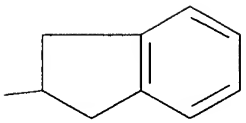
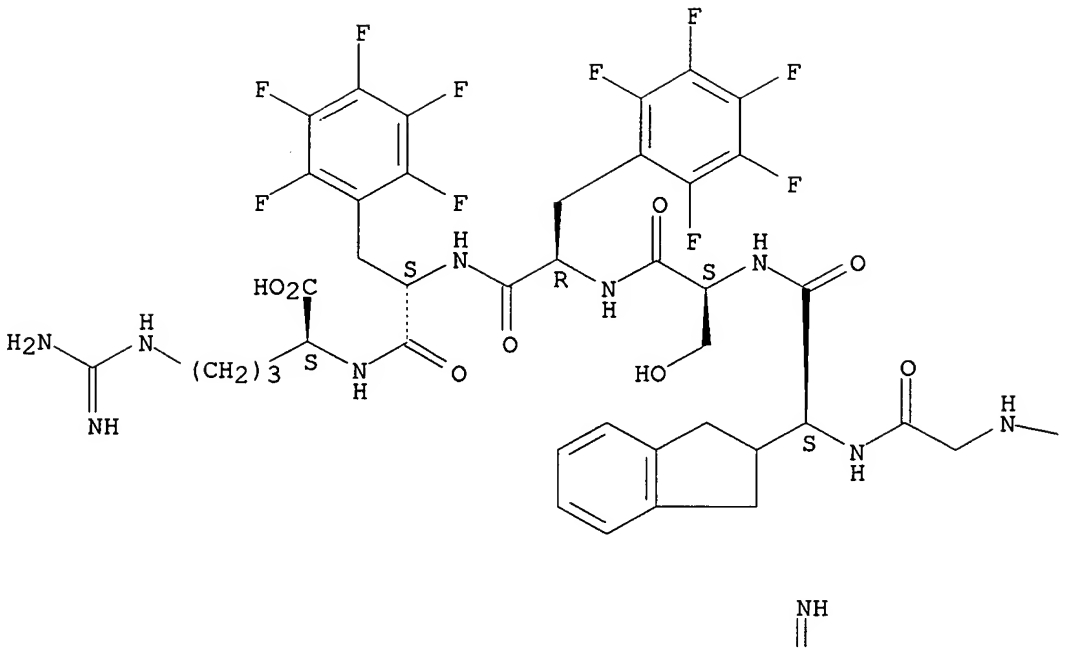


L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN L-Arginine, L-arginyl-L-arginyl-L-prolyl-(4R)-4-hydroxy-L-prolylglycyl-(2S)-2-(2,3-dihydro-1H-inden-2-yl)glycyl-L-seryl-2,3,4,5,6-pentafluoro-D-phenylalanyl-2,3,4,5,6-pentafluoro-L-phenylalanyl- (9CI)
SQL 10
MF C62 H79 F10 N19 O13

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



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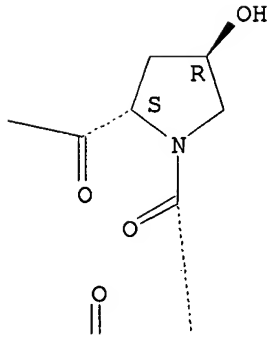
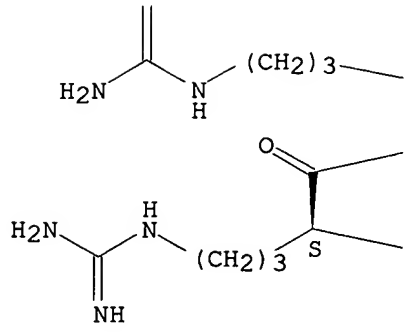


PAGE 2-A



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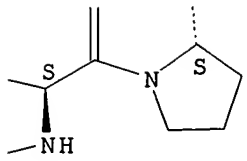
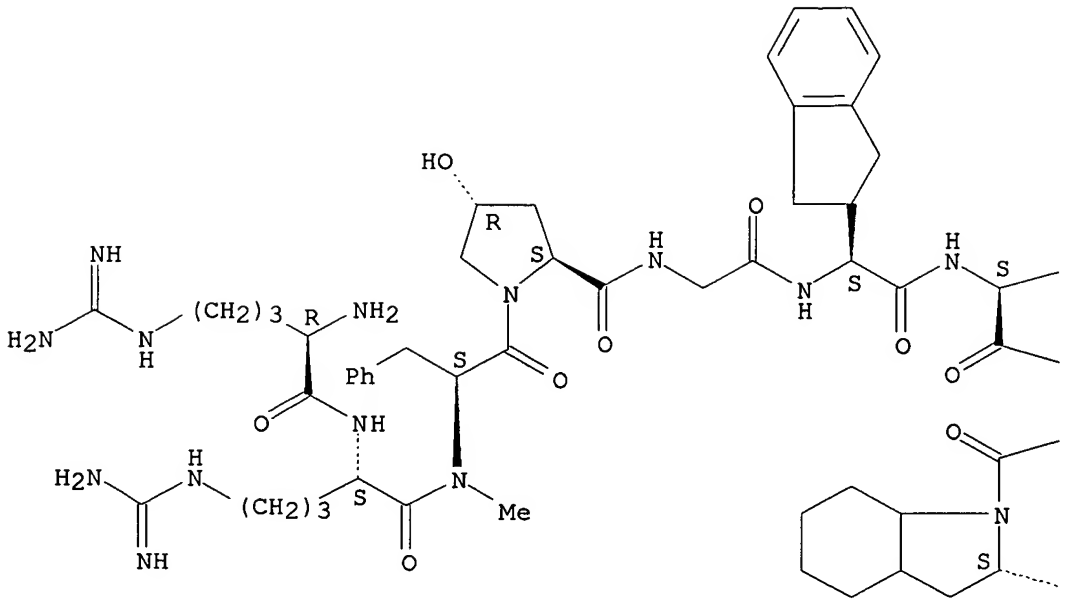


L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN L-Arginine, D-arginyl-L-arginyl-N-methyl-L-phenylalanyl-trans-4-hydroxy-L-prolylglycyl-L-2-(2,3-dihydro-1H-inden-2-yl)glycyl-L-seryl-D-2-(2,3-dihydro-1H-inden-2-yl)glycyl-L-octahydro-1H-indole-2-carbonyl- (9CI)
SQL 10
MF C69 H99 N19 O13

RELATED SEQUENCES AVAILABLE WITH SEQLINK

Absolute stereochemistry.

PAGE 1-A



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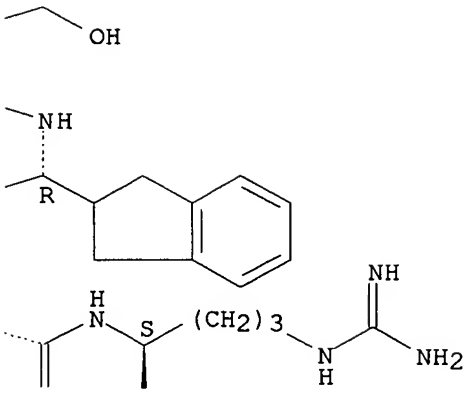
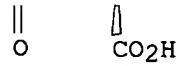


PAGE 2-B

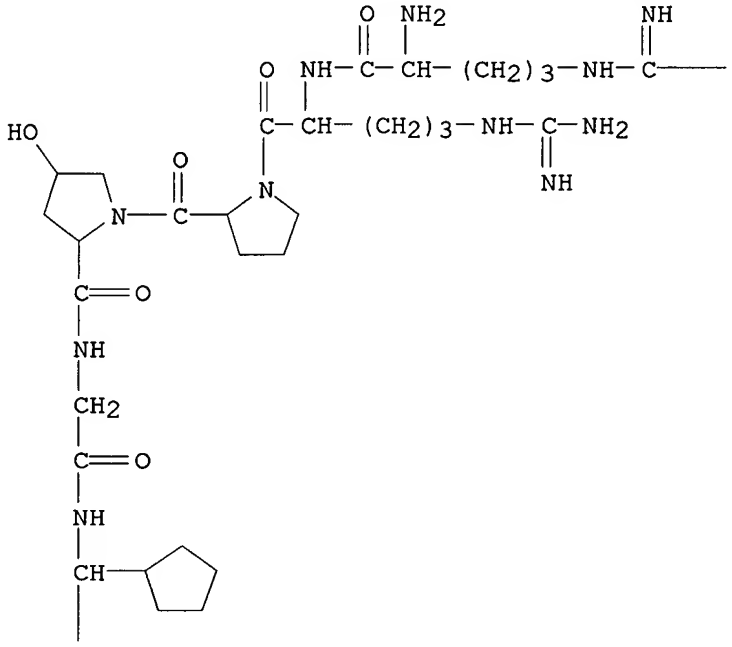


L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN

IN L-Arginine, D-arginyl-L-arginyl-L-prolyl-trans-4-hydroxy-L-prolylglycyl-L-2-cyclopentylglycyl-L-seryl-D-2-(2,3-dihydro-1H-inden-2-yl)glycyl-L-octahydro-1H-indole-2-carbonyl- (9CI)
SQL 10
MF C60 H95 N19 O13

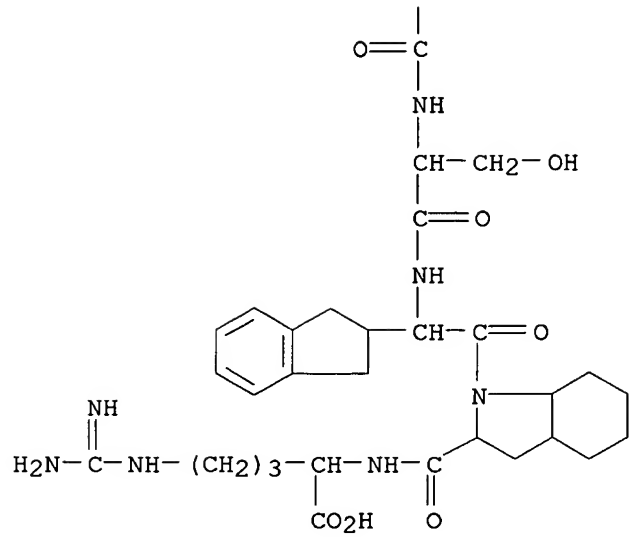
RELATED SEQUENCES AVAILABLE WITH SEQLINK

PAGE 1-A

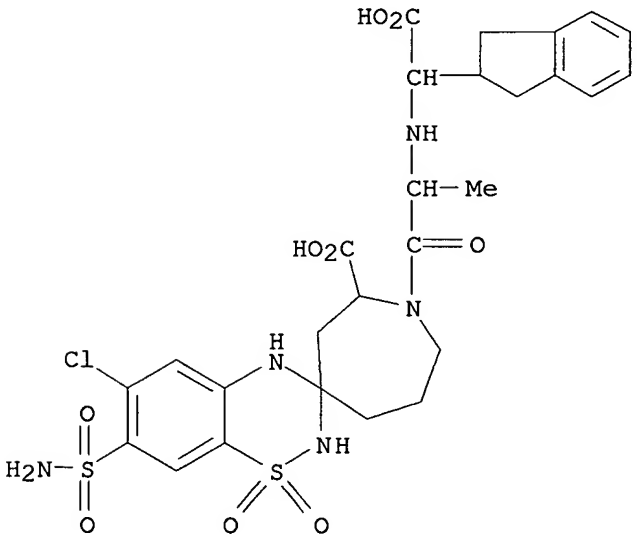


PAGE 1-B

—NH_2



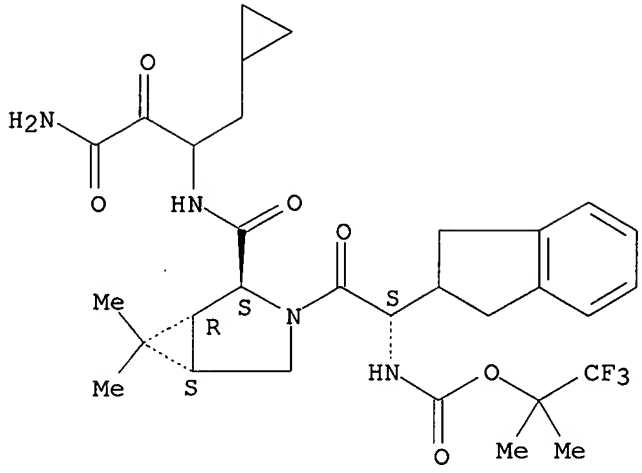
L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Spiro[4H-azepine-4,3'(4'H)-[2H-1,2,4]benzothiadiazine]-2-carboxylic acid, 7'-(aminosulfonyl)-1-[2-[[carboxy(2,3-dihydro-1H-inden-2-yl)methyl]amino]-1-oxopropyl]-6'-chloro-1,2,3,5,6,7-hexahydro-, 1',1'-dioxide (9CI)
MF C27 H32 Cl N5 O9 S2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN Carbamic acid, [(1S)-2-[(1R,2S,5S)-2-[[[3-amino-1-(cyclopropylmethyl)-2,3-dioxopropyl]amino]carbonyl]-6,6-dimethyl-3-azabicyclo[3.1.0]hex-3-yl]-1-(2,3-dihydro-1H-inden-2-yl)-2-oxoethyl]-, 2,2,2-trifluoro-1,1-dimethylethyl ester (9CI)
MF C31 H39 F3 N4 O6

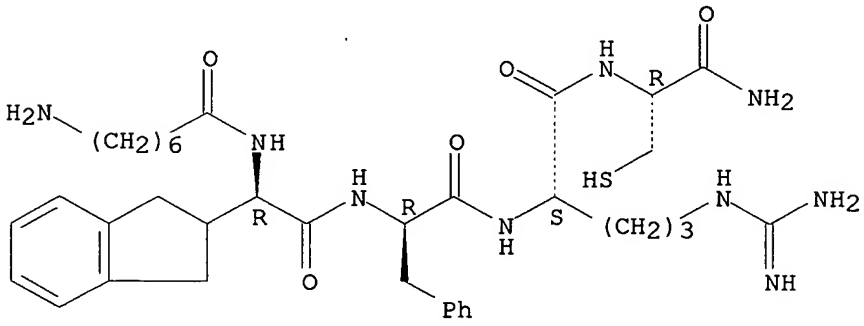
Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L2 19 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN L-Cysteinamide, (2R)-N-(7-amino-1-oxoheptyl)-2-(2,3-dihydro-1H-inden-2-yl)glycyl-D-phenylalanyl-L-arginyl- (9CI)
SQL 4
MF C36 H53 N9 O5 S

Absolute stereochemistry.



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):0

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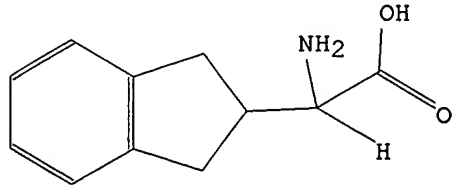

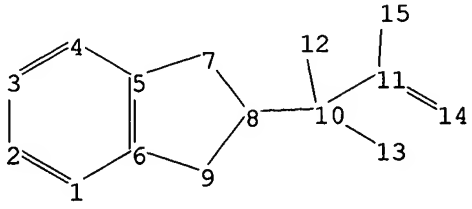

chain nodes :
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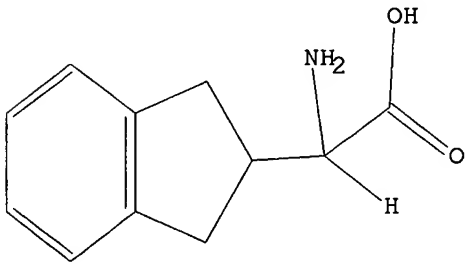
ring nodes :
1 2 3 4 5 6 7 8 9
chain bonds :
8-10 10-11 10-12 10-13 11-14 11-15
ring bonds :
1-2 1-6 2-3 3-4 4-5 5-6 5-7 6-9 7-8 8-9
exact/norm bonds :
5-7 6-9 7-8 8-9 10-12
exact bonds :
8-10 10-11 10-13
normalized bonds :
1-2 1-6 2-3 3-4 4-5 5-6 11-14 11-15

Hydrogen count :
7:>= minimum 2 9:>= minimum 2
Match level :
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS

L3 STRUCTURE UPLOADED

=> d l3
L3 HAS NO ANSWERS
L3 STR



Structure attributes must be viewed using STN Express query preparation.

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SAMPLE SCREEN SEARCH COMPLETED - 3996 TO ITERATE

25.0% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 76130 TO 83710
PROJECTED ANSWERS: 0 TO 0

L4 0 SEA SSS SAM L3

=> search l3 sss full
FULL SEARCH INITIATED 06:21:26 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 78799 TO ITERATE

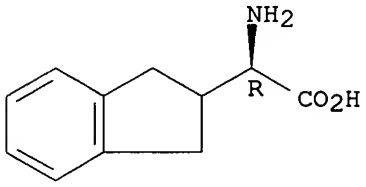
100.0% PROCESSED 78799 ITERATIONS 4 ANSWERS
SEARCH TIME: 00.00.01

L5 4 SEA SSS FUL L3

=> d scan

L5 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-acetic acid, α-amino-2,3-dihydro-, (αR)- (9CI)
MF C11 H13 N O2

Absolute stereochemistry. Rotation (-).

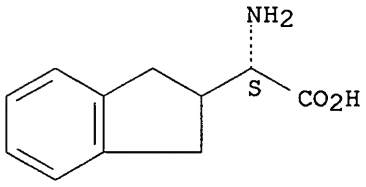


PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

HOW MANY MORE ANSWERS DO YOU WISH TO SCAN? (1):4

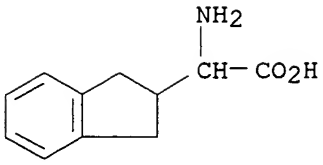
L5 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-acetic acid, α-amino-2,3-dihydro-, hydrochloride, (αS)- (9CI)
MF C11 H13 N O2 . Cl H

Absolute stereochemistry. Rotation (+).



● HCl

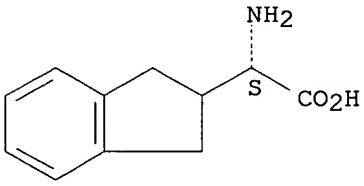
L5 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-acetic acid, α-amino-2,3-dihydro- (9CI)
MF C11 H13 N O2



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

L5 4 ANSWERS REGISTRY COPYRIGHT 2004 ACS on STN
IN 1H-Indene-2-acetic acid, α-amino-2,3-dihydro-, (αS)- (9CI)
MF C11 H13 N O2
CI COM

Absolute stereochemistry. Rotation (+).



PROPERTY DATA AVAILABLE IN THE 'PROP' FORMAT

ALL ANSWERS HAVE BEEN SCANNED

=> file caplus

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	158.36	158.57

FILE 'CAPLUS' ENTERED AT 06:22:16 ON 10 JUN 2004
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 10 Jun 2004 VOL 140 ISS 24
FILE LAST UPDATED: 9 Jun 2004 (20040609/ED)

This file contains CAS Registry Numbers for easy and accurate substance identification.

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L6          10 L5

=> l5/prep
            10 L5
       3157508 PREP/RL
L7            6 L5/PREP
                  (L5 (L) PREP/RL)

=> d l7 1-6 ti fbib abs

L7   ANSWER 1 OF 6  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Enantioselective syntheses of homophenylalanine derivatives via nitrone
     1,3-dipolar cycloaddition reactions with styrenes
AN   2001:518493  CAPLUS
DN   135:318667
TI   Enantioselective syntheses of homophenylalanine derivatives via nitrone
     1,3-dipolar cycloaddition reactions with styrenes
AU   Long, Alan; Baldwin, Steven W.
CS   Department of Chemistry, Paul M. Gross Chemical Laboratory, Duke
     University, Durham, NC, 27708-0346, USA
SO   Tetrahedron Letters (2001), 42(32), 5343-5345
     CODEN: TELEAY; ISSN: 0040-4039
PB   Elsevier Science Ltd.
DT   Journal
LA   English
OS   CASREACT 135:318667
AB   A new two-step route to derivs. of homophenylalanine is presented.
     Cycloaddn. of a cyclic nitrone glycine template with various styrene
     derivs. affords good yields of 5-substituted cycloadducts.  One-step
     hydrogenolysis (three bonds) then affords the optically pure α-amino
     acids related to homophenylalanine.
RE.CNT  12    THERE ARE 12 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L7   ANSWER 2 OF 6  CAPLUS  COPYRIGHT 2004 ACS on STN
TI   Preparation of des-Arg9-BK as selective B1 receptor antagonists
AN   1997:307697  CAPLUS
DN   126:277778
TI   Preparation of des-Arg9-BK as selective B1 receptor antagonists
IN   Whalley, Eric T.; Stewart, John M.; Gera, Lajos
PA   Cortech, Inc., USA; University Technology Corporation
SO   PCT Int. Appl., 32 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.        KIND  DATE          APPLICATION NO.  DATE
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PI   WO 9709346         A1   19970313      WO 1996-US13614  19960822
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             LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU,
             SD, SE, SG, SI, SK, TJ, TM, TR, TT, UA, UG, UZ, VN, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM
         RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FI, FR, GB, GR,
             IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA
                                       US 1995-526764   19950908
     US 5834431          A    19981110  US 1995-526764   19950908
     AU 9668567          A1   19970327  AU 1996-68567    19960822
                                       US 1995-526764   19950908
                                       WO 1996-US13614  19960822
```

OS MARPAT 126:277778
AB Compds. X-A0-B1-C2-D3-E4-F5-G6-H7-J8-Z, where X = absent or an aromatic, aliphatic, aromatic-substituted aliphatic, alicyclic, heterocyclic or urethane-type acylating group or at least one amino acid; A0, B1, C2, D3, E4 = basic or neutral aromatic, aliphatic, heterocyclic or alicyclic amino acids or A0 is absent; G6 = aromatic, aliphatic, heterocyclic or alicyclic amino acid; F5, H7, J8 = aromatic, aliphatic, aliphatic heterocyclic or alicyclic amino acids, provided that at least one of F, H and J is selected from α-cyclopentylglycine, α-(1-indanyl)glycine, α-(2-indanyl)glycine, N-(1-indanyl)glycine and N-(2-indanyl)glycine of either D or L configuration; Z = COOH, were prepared using chloromethyl resins and standard procedures. In a binding assay, Gun-Gly-Lys-Arg-Pro-Pro-Gly-Phe-Ser-Pro-Leu-OH (Gun = guanidyl) showed selective binding for human B1 receptor at 8.9 pIC50 [pIC50 = -log(IC50)] and none for receptors B2 and B3.

L7 ANSWER 3 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
TI Bradykinin antagonist peptides containing indane-substituted amino acids for use in the treatment of inflammatory responses
AN 1996:462473 CAPLUS
DN 125:132751
TI Bradykinin antagonist peptides containing indane-substituted amino acids for use in the treatment of inflammatory responses
IN Stewart, John M.; Gera, Lajos; Whalley, Eric T.
PA University of Colorado, USA
SO PCT Int. Appl., 61 pp.
CODEN: PIXXD2
DT Patent
LA English
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI WO 9616081	A1	19960530	WO 1995-US15080	19951117
W: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK				
RW: KE, LS, MW, SD, SZ, UG, AT, BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG				
			US 1994-344636 A	19941118
US 5648336	A	19970715	US 1994-344636	19941118
IL 116003	A1	19991222	IL 1995-116003	19951115
			US 1994-344636 A	19941118
ZA 9509777	A	19960523	ZA 1995-9777	19951117
			US 1994-344636 A	19941118
AU 9642852	A1	19960617	AU 1996-42852	19951117
			US 1994-344636 A	19941118
			WO 1995-US15080W	19951117

OS MARPAT 125:132751
AB Bradykinin analogs that act as antagonists and that contain indane-substituted amino acids are described for use as antagonists of the bradykinin B1 and B2 receptors in the treatment of inflammatory disease. A series of analogs were prepared by standard chemical and tested for their ability to antagonize bradykinin in a number of test systems.

L7 ANSWER 4 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
TI A new generation of bradykinin antagonists
AN 1996:408166 CAPLUS
DN 125:212808
TI A new generation of bradykinin antagonists

AU Stewart, John M.; Gera, Lajos; Hanson, Wendy; Zuzack, John S.; Burkard, Mike; McCullough, Rosann; Whalley, Eric T.
CS Department of Biochemistry, University of Colorado School of Medicine, Denver, CO, 80262, USA
SO Immunopharmacology (1996), 33(1-3, Papers presented at KININ '95, Fourteenth International Symposium on Bradykinin and Related Kinins, 1995), 51-60
CODEN: IMMUDP; ISSN: 0162-3109
PB Elsevier
DT Journal
LA English
AB Bradykinin B2 receptors are constitutively expressed, and require the entire peptide chain of bradykinin for recognition. Expression of B1 receptors is induced in inflammation; they recognize bradykinin-(1-8). Heretofore, blockade of all the actions of bradykinin required two different antagonists, one for each class of receptors. The new antagonists described here are full chain antagonists having high potency on B2 receptors, but they are also very potent antagonists for B1 receptors. They are highly resistant to kininases and show very long action in vivo. These antagonists contain the novel amino acid α-(2-indanyl)glycine (Igl) at positions 5 and 7. The peptide D-Arg-Arg-Pro-Hyp-Gly-Igl-Ser-D-Igl-Oic-Arg (designated B 9430) shows all these desirable characteristics, where Hyp = trans-4-hydroxyproline and Oic = octahydroindole-2-carboxylic acid. It represents a new class of bradykinin antagonist peptides.

L7 ANSWER 5 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
TI Therapeutic dipeptides
AN 1984:438832 CAPLUS
DN 101:38832
TI Therapeutic dipeptides
IN Suh, John T.; Barton, Jeffrey N.; Regan, John R.
PA USV Pharmaceutical Corp., USA
SO Eur. Pat. Appl., 26 pp.
CODEN: EPXXDW
DT Patent
LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 104546	A2	19840404	EP 1983-109097	19830914
	EP 104546	A3	19850731		
	R: AT, BE, CH, DE, FR, GB, IT, LI, LU, NL, SE				
				US 1982-421921	19820923
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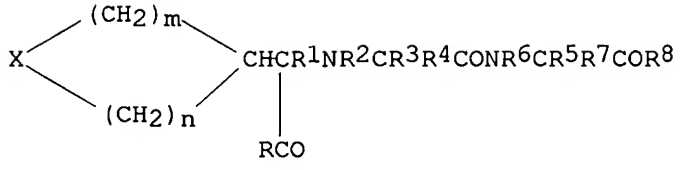
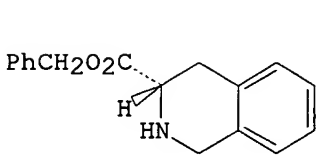
	AU 8319257	A1	19840329	AU 1983-19257	19830919
	AU 562214	B2	19870604		
				US 1982-421921	19820923
	JP 59080645	A2	19840510	JP 1983-174404	19830922
				US 1982-421921	19820923

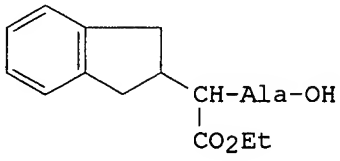
OS CASREACT 101:38832
GI



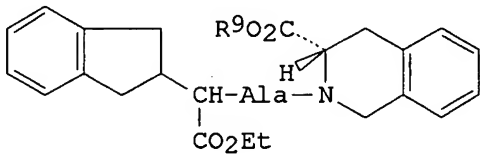
I



II



III



IV

AB Peptide derivs. I [X = (un)substituted arylene; m = 0, n = 2, 3, 4; m = 1, n = 1, 2, 3; R, R8 = OH, alkoxy, alkenoxy, acylaminoalkoxy, acyloxyalkoxy, NH2, alkylamino, dialkylamino, aralkylamino, NHOH, or (un)substituted aryloxy or aralkoxy; R1, R2, R3, R4, R5 = H, aralkyl, fused arylcycloalkyl, or (un)substituted alkyl, alkenyl, alkynyl, aryl, cycloalkyl, or heterocyclic group; CR1NR2 or NR2CR3 = heterocyclic ring; R6 = H, alkyl, alkenyl, alkynyl, cycloalkyl, cycloalkylalkyl, polycycloalkyl, polycycloalkylalkyl, aryl, aralkyl, heteroaryl, heteroarylaryl, heterocycloalkyl, heterocycloalkylalkyl, fused arylcycloalkyl, fused arylcycloalkylalkyl, fused heteroarylcycloalkyl, fused heteroarylcycloalkylalkyl, alkoxyalkyl, alkylthioalkyl, alkylaminoalkyl, dialkylaminoalkyl; R7 = H, cycloalkyl, Ph, (un)substituted alkyl] were prepared as hypotensives due to their ability to inhibit angiotensin-converting enzyme (ACE). Thus, phenylalanine was cyclized with formalin in refluxing concentration HCl, esterified with PhCH2OH in the presence of p-MeC6H4SO3H, and then treated with L-tartrate to give the L-tartrate salt of tetrahydroquinoline II. II was condensed with alanine III by DCC/1-hydroxybenzotriazole to give dipeptide IV (R9 = CH2Ph), which was debenzylated by hydrogenolysis and then treated with HCl to give IV.HCl (R9 = H) (V.HCl). V at 10 mg/kg inhibited ACE by 78-84% for 1-3 h.

L7 ANSWER 6 OF 6 CAPLUS COPYRIGHT 2004 ACS on STN
TI DL-2-Indaneglycine and DL-β-trimethylsilylalanine
AN 1968:87537 CAPLUS
DN 68:87537
TI DL-2-Indaneglycine and DL-β-trimethylsilylalanine
AU Porter, Thomas Hugh; Shive, William
CS Univ. of Texas, Austin, TX, USA
SO Journal of Medicinal Chemistry (1968), 11(2), 402-3
CODEN: JMCMAR; ISSN: 0022-2623
DT Journal
LA English
AB The title compds. were prepared by hydrolysis of Et α-acetamido-α-cyano-2-indaneacetate and Et α-acetamido-α-cyano-β-trimethylsilylpropionate, resp., in order to determine the effect of the fused benzene ring on the biol. activity of the known amino acid antagonists, cyclopentaneglycine and cyclopenteneglycine. Neither of the compds. showed any growth-inhibiting properties in several different microorganisms.

=> logoff hold

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
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DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)	SINCE FILE ENTRY	TOTAL SESSION
CA SUBSCRIBER PRICE	-4.16	-4.16

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